

COMPLIMENTARY ISSUE!

THE SHOPPER'S GUIDE TO NEW PRODUCTS



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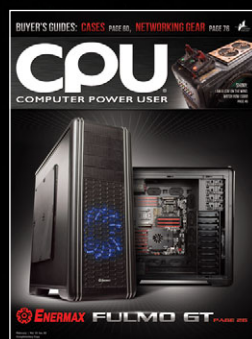


FEBRUARY 2012



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Our plain-English approach has served audiences well for 30 years, ensuring they receive accurate and unbiased technology information to meet their needs.



FirstGlimpse

Volume 9 Issue 2

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Product Coverage Inquiries
products@firstglimpsemag.com
(800) 247-4880
131 West Grand Drive
Lincoln, NE 68521

Circulation
(To adjust your bulk order or to
request racks.)
marketing@firstglimpsemag.com
(800) 334-7458

Customer Service
(For questions about your
subscription, to place an
order, or change an address.)
customer-service@firstglimpsemag.com
(800) 733-3809
FAX: (402) 479-2193

First Glimpse
P.O. Box 82545
Lincoln, NE
68501-5380

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Discover New Possibilities
With Today's Technology

Connect Your Life

To make life a little less complicated, there are a variety of connected devices, technologies, and services you can use to your advantage. And with the right solution, you can tackle tasks regardless of where you are—at home, at work, on the road, or on the go. This is where you can discover the latest components to build a connected life and simplify the ways you retrieve information, enjoy entertainment, manage your life, communicate with others, and more.

The possibilities are limitless. No matter what you dream of doing, the world of consumer electronics can help you accomplish your goals.



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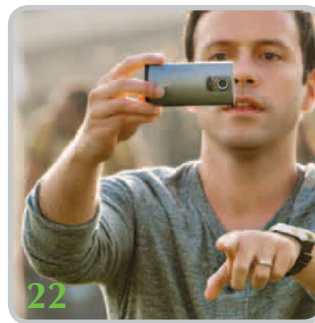
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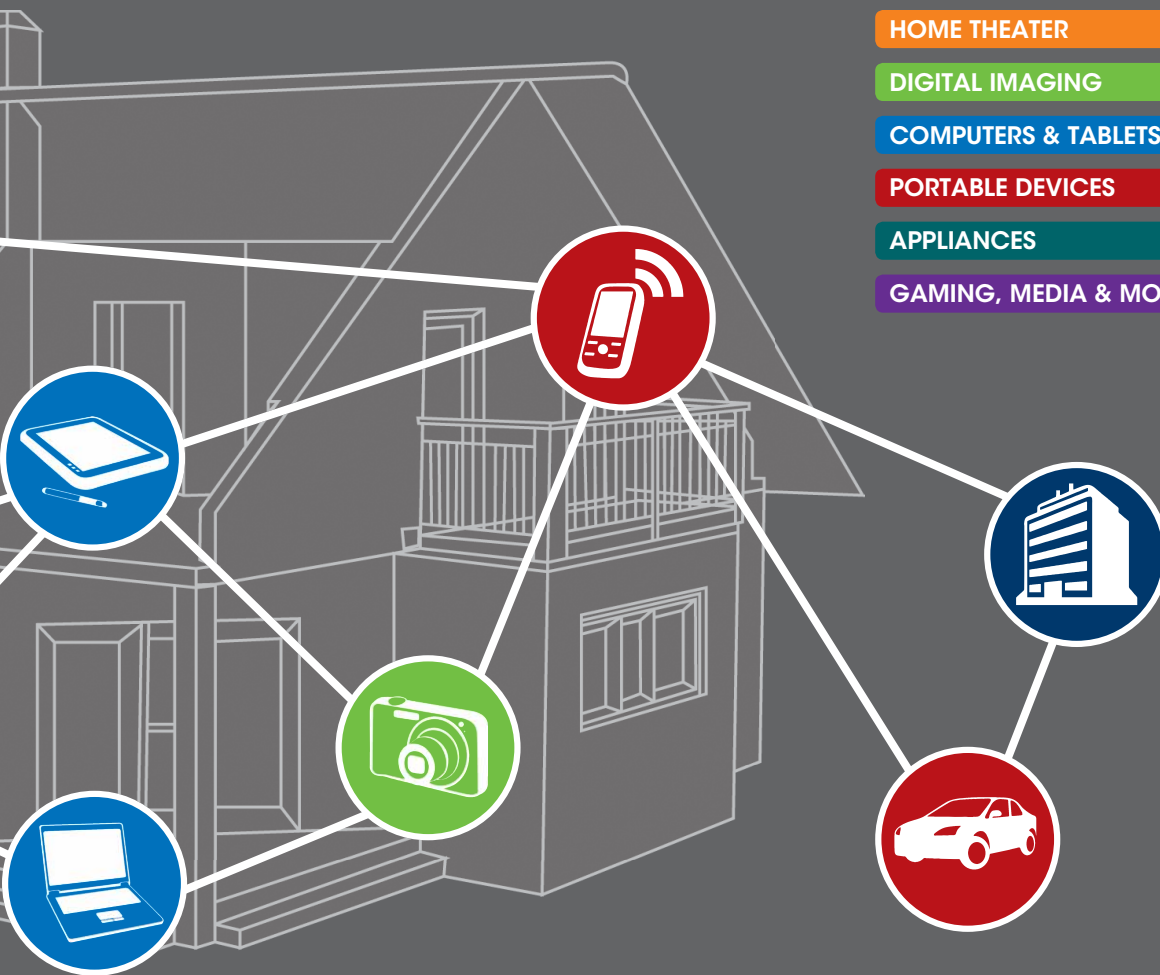
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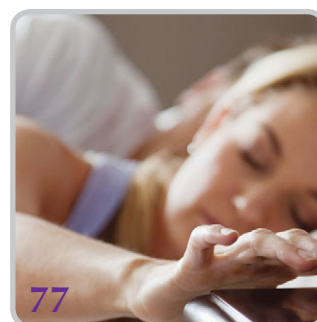
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ce news



Keep Drivers Away From Devices?

A survey from Poll Position found that 49.5% of Americans agreed with the National Transportation and Safety Board's recent recommendation to ban drivers from using cell phones, hands-free phone accessories, and other personal electronics in their cars. Of that group, those who were 65 years or older most favored the ban, with 60% supporting it.

Shopping Via Tablets & Laptops Increases

In its 2011 Holiday Mobile Shopping Survey, TechBargains.com found that both tablets and laptops were highly sought-after holiday items, and the devices were often used to make holiday purchases. While only 58% of shoppers used a mobile phone to buy items online, 94% used laptops and 75% used tablets. Seemingly, shoppers like to browse using tablets, too: 90% of respondents browsed stores via a tablet and 85% used them for comparing prices.

TIDBITS



Nielsen reports that females and 18-to-34-year-olds visit social networking Web sites and blogs most often. According to the Social Media Report: Q3 2011, the active female social networker most likely lives in New England and earns less than \$50,000 per year.



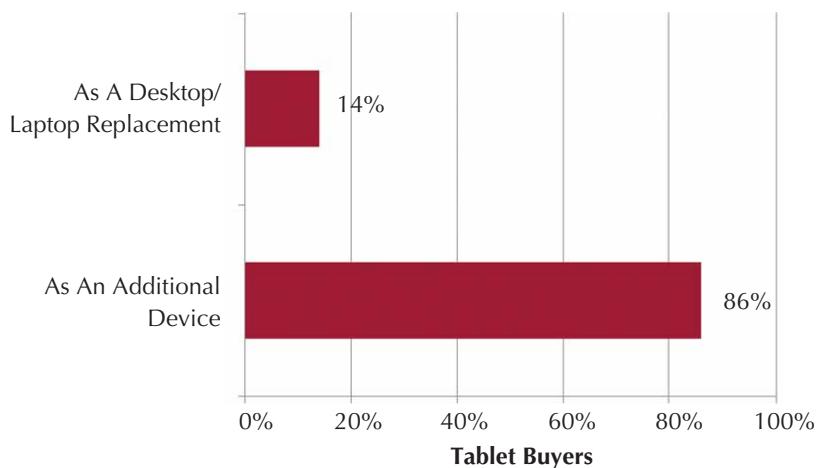
More than 50 billion U.S. Internet users spend time on Facebook, says Nielsen. This means Web surfers choose Facebook over all other major Internet locales, including Yahoo!, Google, Twitter, YouTube, and eBay.

Tablet Popularity Continues To Grow

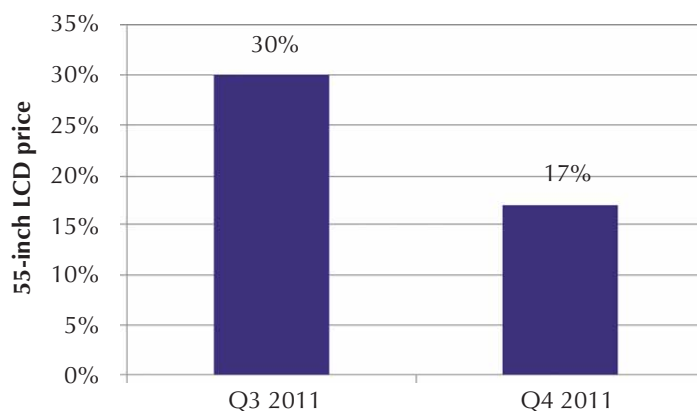
Nearly 7% of consumers planned to purchase a tablet between December 2011 and February 2012, representing a 10% projected increase in demand for the popular gadgets. Apple's iPad still commands the lead in the market, accounting for half of all tablets sold; however, only about 16% of buyers set out to buy an iPad without taking a look at other brands.

Source: Maritz Research's DecisionVue 360

Reasons People Purchase a Tablet



Additional Cost for 3D



3D TV Prices Plunging

It costs much less these days to upgrade an HDTV purchase to a model that supports 3D, according to a recent study. 3D-capable TVs used to cost 30% more only a few short months ago, but that price difference has plummeted to just 17%. Average U.S. street prices on 50-inch 3D plasma sets are falling below \$1,000. The same goes for 40-inch active shutter 3D LCDs and 47-inch passive 3D LCD models. North American consumers have bought 2.4 million 3D TVs thus far.

Source: NPD DisplaySearch

TIDBITS



Because most of us carry a smart-phone everywhere we go, we're using them more to take impromptu photos and videos. The NPD Group found that the number of people who shoot images with their phone increased from 17% last year to 27% this year.



Social media goes beyond trying to keep in touch with others, according to a Nielsen survey. While most of us use social media to keep in contact with family (89%), others use it to find a job (28%), romance (16%), or coupons (58%).

Enjoy Media From Your Other Devices

Instant HT Playback

There are many devices that can plug into a home-theater setup to provide quick and easy entertainment. Below, discover the possibilities of what you can connect and the additional enjoyment they can bring to your home theater.

HOME THEATER



See
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Asus U56E-BAL7 with Intel 2nd Gen Core i5 processor and Intel Wireless Display | SKU: 4566353

Cameras & Camcorders

You can immediately share the photos and videos you shot during your child's birthday party with those who couldn't attend by connecting your digital camera or camcorder to your HDTV. For the best audio and video results, use a camera or camcorder that has an HDMI output.

USB Flash & Hard Drives

Most HDTVs and some A/V receivers have one or more USB ports that accept removable media, such as a USB flash drive or external hard drive. This connection lets you use your big screen and to enjoy personal media saved on your USB devices such as pictures, videos, movies, TV shows, and more.

Computers

If one of your home-theater components has a PC video input, you can hook up your PC to use your HDTV as an HD monitor to browse the Web, watch movies, and more. You can also use a PC with a built-in or add-on wireless transmitter and an HDTV receiver to view your PC's content on your big screen without a cable connection.

MP3 Players

Your HT surround-sound system is the perfect setup for playing music during a get-together. As such, an HDTV or A/V receiver with a USB or aux input lets you plug in your MP3 player so you can enjoy your favorite tunes. Some home-theater components also include an MP3 player dock that simplifies connecting your device for playback.

Tweeting, Driving & Woofing

Speaker Speak

In your home theater, as well as in your car, smartphone, and headphones, speakers fill your experience with sound. Audio lingo can be bewildering, so here's a plain English explanation of the terms you're likely to encounter.

HOME THEATER



**Insignia Rocketboost Wired/
Wireless-Ready Subwoofer**
SKU: 2337715



**Sony SAW2500 10-inch
100-watt Subwoofer**
SKU: 8417527



Jargon

Speakers, sometimes called drivers or transducers, fall into different categories. A tweeter is a small-diameter speaker that handles high frequency sounds. Midrange speakers are medium-sized to reproduce mid-frequency audio such as voices and music. Finally, there are large woofers to handle bass frequencies and even larger subwoofers for very deep bass. Some home-theater speaker units are called 2-way, 3-way, and so on to tell you the number of speakers each contains.

Construction

Home-theater speaker manufacturers use carefully chosen components such as neodymium magnets and aluminum, polymer, or paper cones. They also employ various materials and designs in their speaker enclosures to get the best sound out of their small space. For example, horn-loaded designs with trumpet-shaped chambers help speakers produce higher- and lower-pitched sounds. (Don't forget that the most important thing is how a set of speakers sound to *your* ears.)

Connections

Speakers create sound by moving air, and they move air by vibrating their cones or diaphragms. The electrical signals that power speakers usually come through copper cables. Bare-ended cables can connect to a speaker unit using spring clips or binding posts; however, some home-theater systems use speaker cables with RCA or other connectors. Finally, some home-theater sound systems use wireless signals to send audio to their rear speakers or a subwoofer.

One Small Addition, Big Home Theater Results

Streaming Boxes

You have your ideal home-theater setup already complete, but it's missing something: movies, TV shows, music, news, and services made available through the Web and your network. A streaming box is the ideal solution to bring your HT to the next level.

HOME THEATER



Sony Smart Streaming Player SMP-N200 | SKU: 3302097

A Streamlined Setup

Disc players, game consoles, cable boxes. Chances are you have many components hooked up to your HDTV. A streaming box can cut down on the number of devices you need. They generally use very little space, operate quietly, and use less power than other media players.

An All-Access Media Pass

Using an intuitive menu, you can browse and select Web content, games, music, movies, live sports, apps, or social networking services for instant entertainment. With the right model, you can enjoy media in Full HD or flag content you want to watch at a later time.

Personal Media On Your TV

Your favorite movies, photos, music, and more stored on your computer can be enjoyed in your home theater with a streaming box. By connecting to your home network, the streaming box can retrieve your favorite content and play it on the biggest screen in your home.

Keep In Touch With Others

Finding out the latest news from friends and family is made simple with a streaming box that integrates Web browsing, social network apps, or email access. This lets you seamlessly switch from your home-theater entertainment to communicate with others without touching a computer or smartphone.

For Entertainment Anytime

HT Headphones

Ever want to watch something on TV when your roommate is napping, the kids are in bed, or your spouse has to work the night shift? Wireless home-theater headphones make viewing much more enjoyable than turning on subtitles and turning down the volume.

HOME THEATER



**Sony 900MHz Analog RF
Wireless Headphones**
SKU: 8241422

**Rocketfish Rocketboost
Wireless Stereo Headphones**
SKU: 9985202

HT Models

In contrast to other types of wireless headphones, home-theater models are typically over-the-ear styles that use IR (infrared), RF (radio frequency), or Klear uncompressed RF wireless technologies. IR units have a reputation for resisting interference, while the two RF technologies may allow you to listen to audio from another room.

Transmitters

A set of HT headphones generally comes with a transmitter. This AC- or battery-powered unit receives audio from your home-theater device(s), such as your A/V receiver, and sends it wirelessly to the headphones. Some models support multiple headsets, so several family members can enjoy the same program quietly.

Features

Some transmitters double as docking stations for the headphones, making it easy to recharge their batteries. Speaking of battery life, you want a set of headphones that will last through several movies if necessary. And if you plan to use the headset from a distance, make note of its range for usage, such as 100 feet.

Comfort & Sound

Choose a set of HT headphones that you find comfortable. After all, you don't want to have to take them off halfway through a big game or Harry Potter movie. Likewise, try several models to see which ones sound the best to you. To this end, you'll find some models use sound enhancement technologies.

Unleash Your Devices' Best Features

Get HDMI Right

HDMI is the *de facto* A/V cable in today's home theaters, carrying HD video and audio among HDTVs, sound systems, disc players, and more. But to keep it from stifling your HT equipment's advanced features, you need to buy the right cables.

HOME THEATER



Insignia NS-HDMI8 8-foot HDMI Cable
SKU: 2634815

Bandwidth

HDMI cables marked "High Speed" may have data capacity ratings of 10.2Gbps, 13.8Gbps, and so on. The higher this bandwidth rating, the more advanced features the cable can handle simultaneously. These include HD 3D, which can require double the bandwidth of 2D video; screen refresh rates of 240Hz and higher for less motion blur and flicker; wider color palette schemes such as 16-bit (48-bit) Deep Color; automatic "lip sync"; lossless 7.1- and 5.1-channel surround-sound support; and even potential future video standards such as 4K x 2K (which is four times the resolution of 1080p Full HD). Advanced HDMI cables even support Ethernet and two-way audio (Audio Return Channel), which can reduce the number of cables your home-theater setup requires.

Construction

Upscale cables often come with design features that can support high bandwidths over longer distances, such as 15 feet or more; help extend the cable's useful life after many connections and disconnections; and/or allow you to route the cable through walls or ceilings (in-wall rated models). The material used on the ends of cables can offer strain relief to keep internal wires from bending too much and eventually breaking. Some connectors have retention mechanisms, right-angle or swivel designs for tight quarters, and/or gold plating to prevent corrosion. Finally, some cables boast of better or purer copper in their wires, which may be a factor in providing high bandwidth over a considerable length of cabling.

Power Accessories With Green Technology

Energy Savers

Home-theater equipment, like many electronic devices, often continues to sip power even when it's turned off. By adding power accessories with energy-saving technology to your setup, you can cut off electricity to these "energy vampires" and save money.

HOME THEATER



Rocketfish RF-HTS105 7-Outlet Power Manager
SKU: 1881054

Stop An Electrical Money Leak

If your home theater is nickel-and-diming your electric bill even when you're not watching anything, it's time to replace your power accessory with an energy-saving model. Turn off one HT device, and a "green" power strip will make sure it doesn't continue to siphon electricity from your wall outlet. Some power-saving units automatically detect when you turn off a primary device. For example, when you shut down your HDTV, the power strip will then shut off power to all of the other devices plugged into it, such as your BD player, A/V receiver, and game console. Also, some units can tell you on a display how much energy each device uses, such as in wattage. Certain models even have outlets you can turn on or off by remote.

Green Power Accessory Options

Many energy-conserving power strips also provide your electronic components with surge protection. These come with a rating, such as 1,100 joules, which tells you how big a power spike or surge each model can absorb while keeping excess energy from reaching your home-theater devices (the higher the number, the better). Some surge suppressors can also protect data, TV, or phone cables, too. Bear in mind that you should replace your surge protector every few years or after any power spike that triggers its protection mechanism.

Some energy-saving devices are power conditioners. Besides shutting off power drainage, these ensure that electrical noise doesn't degrade your home theater's audio and video.

Retrieve & Enjoy More Content

Streaming Media

With the right home-theater setup, you can expand your entertainment options beyond over-the-air, cable, satellite, or disc content. Here's a look at how you can wirelessly stream photos, music, videos, and more from the Web and other devices to your home theater.

HOME THEATER



Insignia 42-inch LED Connected HDTV (NS-42E859A11)
SKU: 1010095

Sony 3D Blu-ray Home Theater System
SKU: 2023457

Web Videos On Your Big Screen

A tablet puts media in your hands, but it can also stream movies, music videos, and TV shows from the Web to a smart HDTV. With a media streaming app downloaded to your tablet, you can send content to a compatible HDTV when both devices are connected to the same wireless network.

Push Mobile Phone Photos

Now that smartphones double as portable photo albums, you can view your pictures wherever you go. Additionally, you can use an app on your phone to stream photos and other media to a Web-ready TV. With this setup, you can display and control a slideshow of your recent vacation from across the room.

Listen To More Music Options

A connected home-theater system can access tunes stored on your MP3 player or Web radio stations and play them over your speakers. This provides a new home entertainment option that you can use to fill a room with personalized playlists or music genres to build an ambience for party guests.

Stream From Other Devices

There are many other devices that can stream videos, photos, and music from a tablet, smartphone, or MP3 player to your home theater. Some game consoles, BD players, DVRs, A/V receivers, and home-theater PCs can also send content using a wireless connection, so your options are not limited.

Essential Things To Know

Wireless Options

From Wi-Fi to Wi-Di, and from infrared to Bluetooth, wireless technologies have infiltrated all types of home-theater products. Find the answers to your questions on the different kinds of wireless gadgets available for your entertainment room below.

HOME THEATER



Sony VAIO VPCSC31FM/S
SKU: 3519978



How can I use wireless networking in my home theater?

Lots of Internet-capable HT devices support Wi-Fi, so you can easily connect them to your wireless network. HDTVs, Blu-ray Disc players, game consoles, and A/V receivers that support Wi-Fi N (802.11n) are generally reliable and fast enough to stream high-quality video with few interruptions. In some cases, you may need to buy a wireless adapter for an HT component separately.

Can I use a wireless solution in lieu of HT cables?

Yes. There are wireless HD devices or adapters that can send audio and video from source devices (such as a BD player or laptop with Intel Wireless Display technology) to your HDTV.

What wireless technologies do home-theater remote controls use?

You'll find models that use IR (infrared), RF (radio frequency), and/or Bluetooth to control your HT devices. In fact, an app might turn your tablet or smartphone into a Bluetooth HT remote.

Are there wireless speakers, too?

Yes, although "wireless" subwoofer and satellite speakers still have power cords. There are also "whole house" audio systems that use wireless transmitters and receivers with built-in speakers.

What kind of wireless headphones are there?

For home theater use, you'll find both IR and RF headphones. IR models provide very clean sound, but you can use an RF headset in another room.

Can I use a remote to dim the lights in my home theater?

Yes, you can. Wireless technologies such as Z-Wave enable products that let you control your lights and devices such as motorized projector screens.

Audio & Video The Way It Should Be

HDTV Calibration

Out of the box, an HDTV's audio and video settings are programmed to make it look and sound the best in a retail environment. Because it's unlikely your home theater is noisy and fluorescent-lit, you need your HDTV professionally calibrated to match its unique setting.

HOME THEATER

See In-Store **DEMO**



Service Details

- An ISF-certified installer will visit your home and optimize your HDTV's audio and video so you can enjoy content the way it's intended to be heard and seen.
- Using professional calibration tools, the installer will adjust video settings to meet ISF standards on two different source inputs.
- To create a tidy home-theater appearance, the installer will dress all cables and wires behind your HDTV.
- Any special features or capabilities of your HDTV's remote control that may be helpful to you now or in the future will be explained by the installer.

Calibration Benefits

- Overall, the quality of your HDTV's on-screen images will be better and look more true to life. Notably, skin tones and snow scenes won't appear off-color.
- To ensure a fully immersive audio experience, your surround-sound speaker levels will be optimized and the position of your speakers will be checked.
- Your TV's contrast will yield brighter whites and darker blacks, letting you see details you wouldn't have noticed before.
- Cable management makes it easy to identify inputs and outputs and keeps your home-theater setup tidy.

Screen Technology Differences

HDTVs

To pinpoint the best HDTV screen technology for your needs, you should consider the type of content you want to watch and the location in which you'll put your TV. Here's a look at what sets screen types apart, their benefits and drawbacks, and situations where they're ideal.

HOME THEATER



LCD TVs

These sets use CCFLs (cold cathode fluorescent lamps) or LEDs (light-emitting diodes) to project on-screen images. See the next column for more details on LED TVs.

- Ideal for wall mounting because they are thin and lightweight
- Consume a little less power than plasma TVs
- Best for bright, sunny rooms

LED TVs

LED TVs are actually a type of LCD TV and they use either full-array or edge-lit backlight configurations of LEDs.

- Use a lot less electricity than other TVs and don't contain harmful mercury
- Tend to have a longer lifespan
- Thinner design with high contrast ratios and fast response times
- Best for eco-conscious viewers

Plasma TVs









To create images that are bright, vibrant, and clear, plasma TVs electrically charge small cells that contain ionized gas.

- Enjoy deep blacks and bright whites with a high contrast ratio as well as wide viewing angles
- A more cost-efficient technology for TV screens that are 42 inches or larger
- Best for large and dark home theaters

Watch True-To-Life Video On An LCD Or LED TV

If you're shopping for an LCD TV, the first thing you should know is that an LED TV is actually a type of LCD TV. What makes them different are the light technologies they use to project images, as detailed below. While you're here, take a look at what else sets LCDs apart.

HOME THEATER

		Light projection	Size	Dimensions; Weight*	Native resolution	Viewing angle	Inputs & Outputs	Refresh rate**
What It Means		How images are projected on-screen; type of backlight an LED-LCD uses	The diagonal measurement of the TV's screen	Height x width x depth; How much the TV weighs	A fixed TV resolution; images are best displayed in this	The angle at which the viewer can see the screen clearly	Inputs let you connect devices; Outputs transfer information to peripherals	Speed at which a screen is redrawn every second
LED-LCD	 Samsung LN46D630 SKU: 2122306	CCFL	46 inches	26.5x43.9x 3.2 inches; 41.2 pounds	1080p	N/A	4 HDMI, 2 Component, 2 Composite, 1 PC, 2 USB; 1 audio out	120Hz
	 Toshiba 55G310U SKU: 2363655	CCFL	55 inches	33.5x52.3x 4.09 inches; 66.8 pounds	1080p	N/A	3 HDMI, 1 Component, 1 PC, 1 USB; N/A	120Hz
	 RCA LED42A55R120Q SKU: 2877143	LED (edge-lit)	42 inches	24.6x39.9x 2 inches; 40.3 pounds	1080p	176 degrees	4 HDMI, 1 Component, 1 Composite, 1 PC; N/A	120Hz
	 Westinghouse LD-4655VX SKU: 1997794	LED (edge-lit)	46 inches	26.9x43.2x 2.14 inches; 35.3 pounds	1080p	176 degrees	2 HDMI, 1 Composite, 1 PC; 2 audio outs	120Hz
	 LG 55LW6500 SKU: 2355204	LED (edge-lit [LED Plus])	55 inches	30.9x51.12x 1.2 inches; 48.5 pounds	1080p	N/A	4 HDMI, 2 Component, 1 PC, 2 USB; 1 digital audio out	240Hz
	 Sony BRAVIA KDL-60NX720 SKU: 2371038	LED (edge-lit)	60 inches	33.2x55.3x 1.3 inches; 63.5 pounds	1080p	178 degrees	4 HDMI, 1 Component, 2 Composite, 2 USB, 1 PC; 1 digital audio out, 1 audio out	120Hz
	 Sharp AQUOS LC-80LE632U SKU: 3552918	LED (full-array)	80 inches	43.8x73.3x 3.9 inches; 114.6 pounds	1080p	176 degrees	4 HDMI, 1 Component, 2 Composite, 1 PC, 2 USB; 1 audio out	120Hz
	 Elite PRO-60X5FD SKU: 3143429	LED (full-array)	60 inches	33.5x55.12x 3 inches; 66.1 pounds	1080p	176 degrees	5 HDMI, 1 Component, 2 Composite, 2 USB, 1 PC; 2 audio outs	240Hz

*Unless specified, this is without stand.

**Comparing refresh rates between plasma and LCD TVs is like comparing apples to oranges. For more in-depth information about refresh rates, please ask a sales associate.

FirstGlimpse

Experience Bold & High-Contrast Color On A Plasma TV

If you're planning to buy a plasma HDTV, it might be hard to decide on one just by looking at a wall of gorgeous sets. Refer to this chart for further help when shopping.

HOME THEATER

		Size	Dimensions; Weight*	Native resolution	Viewing angle	Inputs	Outputs	Refresh rate**
	What It Means	The diagonal measurement of the TV's screen	Height x width x depth; How much the TV weighs	A fixed TV resolution; images are best displayed in the native resolution	The maximum angle at which the viewer can see the screen clearly	Inputs let you connect your components to your TV	Outputs transfer information from your TV to peripherals, such as audio to speakers	Speed at which a screen is redrawn every second
	Insignia NS-50P650A11 SKU: 9745916	50 inches	28.5x47.4x 2.8 inches; 50.7 pounds	720p	160 degrees	2 HDMI, 2 Component, 1 Composite	2 audio	600Hz
	Panasonic VIERA TC-P46S30 SKU: 2343193	46 inches	27.4x44x 2.8 inches; 48.5 pounds	1080p	N/A	3 HDMI, 1 Component, 1 Composite, 2 USB, 1 Ethernet	1 audio	600Hz
	Samsung PN51D450A2D SKU: 2135081	51 inches	27.8x46.8x 2.2 inches; 47.6 pounds	720p	N/A	2 HDMI, 2 Component, 1 Composite, 1 USB	1 audio	600Hz
	Samsung PN51D490A1D SKU: 2135072	51 inches	27.8x46.8x 2.2 inches; 47.6 pounds	720p	N/A	3 HDMI, 2 Component, 1 Composite, 1 USB	1 audio	600Hz
	Panasonic VIERA TC-P55ST30 SKU: 2201056	55 inches	32x52.2x 2.8 inches; 72.8 pounds	1080p	N/A	3 HDMI, 1 Component, 1 Composite, 2 USB, 1 Ethernet	1 audio	600Hz
	LG 60PV250 SKU: 4538624	60 inches	32.9x54.8x 2 inches; 84.9 pounds	1080p	N/A	1 HDMI, 2 Component, 1 Composite, 1 USB, 1 PC	1 audio	600Hz
	Samsung PN59D6500DF SKU: 2254075	59 inches	32.6x54.3x 1.5 inches; 67.5 pounds	1080p	N/A	4 HDMI, 1 Component, 1 Composite, 2 USB, 1 PC, 1 Ethernet	1 audio	600Hz
	Zenith Z60PV220 SKU: 3990507	60 inches	35.6x54.6x 2.12 inches; 84.9 pounds	1080p	N/A	3 HDMI, 2 Component, 2 Composite, 1 USB, 1 PC, 1 RF	1 audio	600Hz

*Unless specified, this is without stand.

**Comparing refresh rates between plasma and LCD TVs is like comparing apples to oranges. For more in-depth information about refresh rates, please ask a sales associate.

FirstGlimpse

Essential Accessories

As you head toward the HDTV section of your local CE retailer, you'll pass shelves filled with HDTV accessories. To get the most out of your HDTV, you should invest in some key accessories for a complete home theater setup.

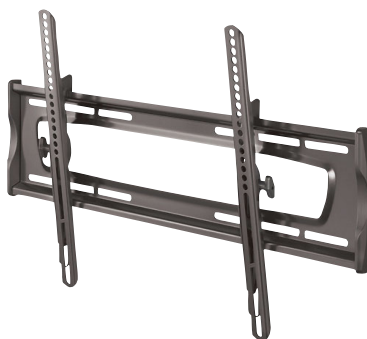
HOME THEATER



Blu-ray Disc Player

A BD player lets you watch every DVD and Blu-ray Disc in your collection. Many models have built-in Internet capabilities so you can expand your content options to include online media services such as CinemaNow, Netflix, YouTube, and more. Additionally, more advanced BD players are 3D BD compatible for those with 3D-capable HDTVs.

Sony 3D Blu-ray Disc Player | SKU: 2173117



Wall Mount

One of the attractions of a flat-panel HDTV is the fact that you can hang it on your wall. With a wall mount, you can get rid of your old TV stand or entertainment center and reclaim some floor space. Some mounts offer control over the angle of your screen, so you can avoid window glare, for example.

Rocketfish Low-Profile Tilting Wall Mount
For Most 32- to 56-inch Flat Panel TVs | SKU: 9881868



Speakers

While you can rely on an HDTV's built-in speakers for audio playback, you won't enjoy the best in home theater audio. Instead, you should pair your HDTV with an audio solution that can reproduce sound qualities you might otherwise miss. Audio add-on options include an HTiB (home theater in a box), sound bar, or individual speaker components.

Samsung 2.1 Audio Bar System | SKU: 2052088

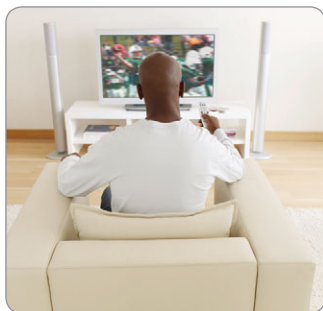
Wireless HD Connectivity

While you could use HDMI cables to connect audio and video sources to your HDTV, you can alternatively use a wireless HD connection to send content from any device that has an HDMI output to your home theater. This option also gives you more flexibility in terms of where you can place your home-theater components.

HDTV Glossary

Balderdash! OK, HDTV jargon isn't quite that bad, but there are a few terms that every shopper needs to know. Here is your cheat sheet.

HOME THEATER



aspect ratio—Put simply, it's the shape of the TV's screen. An HDTV has a wider picture than a traditional TV of the same vertical screen height. An HDTV has a 16:9 aspect ratio, meaning that if its screen were 16 inches wide, it would be 9 inches tall. A regular 4:3 TV screen would be 12 inches wide at the same 9-inch height.

HDMI (High-Definition Multimedia Interface)—A type of cable connection that carries both high-resolution video and uncompressed multichannel audio between HDTVs, home-theater receivers, and the other components required for your home-theater setup. HDMI cables maintain top picture and sound quality.

HD tuner—A built-in tuner for receiving local high-def broadcast TV channels. You won't need one if you have cable or satellite service. Most HDTVs include one, but separate HD tuners and antennas are available if your TV doesn't have one.

interlaced—When an HDTV displays an interlaced image, as in 1080i or 480i resolutions, it really shows you

every other horizontal line of a frame of video (called a field) at a time. Sixty times a second, the TV displays the other field of the frame, or the lines not shown in the previous field. Interlaced video can appear to flicker or might cause moving objects on-screen to have blurred edges.

LCD (liquid-crystal display)—Like a notebook's screen, an LCD HDTV uses a fluid crystal substance to form pixels of color in front of a backlight. LCDs may not be able to match plasma TVs' deep black and gray areas, but they're lighter, sometimes less fragile, and considered easier to set up. These work better in brighter rooms or if you will be playing unchanging images on the screen for an extended period of time.

plasma—Plasma TVs use a tiny tube of gas for each pixel, and electricity makes each pixel glow. Plasmas create deeper blacks and sometimes brighter colors than LCDs and have better contrast. These also offer slightly better viewing angles. However, older or less expensive models can also suffer from permanent screen damage if an unchanging image, such as a TV channel's

stock ticker or parts of certain video games, is displayed too long.

progressive scan—A TV showing a progressively scanned image, as in 1080p or 720p resolutions, displays a full frame of video (both odd-lined and even-lined fields) all at once. Progressive scan video looks sharper than interlaced does and doesn't flicker.

projection—Some large-screen HDTVs offer lower-priced alternatives to LCDs or plasmas by using projection technologies. These technologies vary, but all projection TVs throw light on a screen from the front or rear. This means they are bulkier than plasmas or LCDs, but some sets have stellar picture quality.

viewing angle—No matter where you sit in front of an HDTV with a wide viewing angle, such as 170 degrees, its picture should look reasonably good. Test this before you buy.

widescreen—A TV or monitor that's wider horizontally in relation to its vertical height. HDTVs typically have a 16:9 aspect ratio rather than an older 4:3 display.

SONY

Share Life As It Happens

Sony Bloggie Live

Sony's new Bloggie Live™ Wi-Fi Camera (www.sony.com/bloggie) does everything a Web-friendly video camera should and more. This full HD, pocket-sized companion creates sharp video and beautiful stills that you can share in real time as you record.

DIGITAL IMAGING

Sony Bloggie Live Wi-Fi Camera | SKU: 4676989



Stream In Real Time

There will always be events that out-of-state family members will miss, but the Bloggie Live's wireless streaming capabilities let you stream events as they happen via Qik.com, a free streaming service. For instance, you can stream your son's high school drama performance when you're in the audience so his grandparents can also watch using their laptop. The Bloggie Live also sports a 3-inch capacitive touch screen, in addition to built-in memory and an incorporated LED lamp.

Upload Wirelessly

The Bloggie Live lets you share fun videos and unique images without connecting to a PC, so you can immediately post what you shoot. In other words, after you record a video or snap a photo, you're able to directly post the content to popular sites such as Facebook or YouTube, all without the use of a computer. Just connect your camera to a Wi-Fi network and upload your content with a few simple touches of the screen.

Shoot Video & Stills

In a fast-paced world, you need to be ready to enjoy each moment as life unfolds. Because the Sony Bloggie Live can record video in 1080p HD and grab still images at the same time, it's easy to capture and share everything you've experienced during your day. Your Facebook friends will see what your life is all about as you post vivid video clips and high-quality images, whether you're hanging out at home, enjoying your daughter's softball game, or going to dinner with friends.

FirstGlimpse

Sharp Focus & High Speed

The Best Of Both Worlds

Most D-SLRs do things in turn: They focus, then they shoot photos—even if the subject has moved. What Sony did with the Alpha A65 is build an ultra-high resolution D-SLR that can multitask (www.sony.com/a65).

DIGITAL IMAGING



Sony Alpha SLT-A65VK | SKU: 3512038 | www.sony.com/a65

24.3 Megapixels

Unprecedented detail awaits you with the A65's groundbreaking resolution. A 24.3MP photo lets you crop and enlarge like never before. Even in low light, the A65 strives for clarity and color with features such as Auto HDR and an ISO 16000 equivalent setting for quick-moving action.

10fps Speed

The Alpha A65 is fast enough to snap up to 10 frames per second at full resolution, thanks to the latest BIONZ image processor and Sony Exmor technology. And with 2nd Generation Translucent Mirror Technology, the A65 can continue to auto-focus even during continuous shooting.

OLED Viewfinder

The Sony Alpha A65 boasts the world's first XGA OLED viewfinder. The Tru-Finder OLED's high resolution and high contrast ratio helps you compose your shot easily and accurately, even after the sun goes down. It also gives you real-time feedback on your camera adjustments.

HD In Focus

The APS-C sized CMOS image sensor in the A65 dwarfs the size of image sensors used in camcorders, giving you higher quality video. You'll have the ability to shoot in Full HD at either 1080/60p or 1080/24p. And with the A65's advanced, continuous auto-focus, your HD video will always look crisp and clear.

Cameras Built For Easy Web Sharing

By selecting a camera with Web-friendly features, you can streamline the process of editing, uploading, and sharing your photos with friends and family. Here's a look at what some of those features are and how they can benefit you.

DIGITAL IMAGING



Sony Bloggie Live Wi-Fi Camera | SKU: 4676989

Tag & Organize

After you snap a group of pictures, some cameras let you use built-in tools to tag the shots you'd like to share online later. Certain models also let you categorize your images into different folders, right there on the camera. When you're done, you're ready to connect your camera to your computer for the transfer process.

Auto Upload

Plug your Web-friendly camera into your PC's USB port, and its automatic transfer features can kick in. Depending on its capabilities, it may automatically upload your pics to your Facebook, Flickr, Picasa, or other account, and/or copy your images to your computer in the folders you specified on the camera.

Share Wirelessly

Some digital cameras let you skip your PC altogether. These models can use Wi-Fi and/or Bluetooth to let you wirelessly share your photos and videos directly from your camera. Features vary, but different models can wirelessly send your files to social networking sites, email addresses, your phone, your computer, and more.

Edit & Format

Many cameras let you remove red-eye and do other light editing such as cropping, but some models empower you with even more advanced tools. For instance, some digicams let you specify a particular aspect ratio (height/width) to make it simpler to fit your image into the style of a blog or online status update.

Shoot Better

Low-Light Images

At wedding receptions, parties, and other social gatherings, many of the best unstaged photo opportunities happen when the lights are turned down. With the right equipment, you can take better pictures in difficult lighting situations.

DIGITAL IMAGING



Sony HVL-F20AM Alpha Flash
SKU: 1229874

Make The Most Of Existing Light

Pros and advanced photographers often adjust their camera settings manually when good lighting is scarce. They use slower shutter speeds to give their cameras time to gather more ambient light, and tripods to avoid motion while the shutter is open. To capture fast action without blurring, they use higher ISO settings.

That said, most of us rely on our camera's automatic settings, so it's not out of bounds to say that buying a good camera is your primary step toward shooting better low-light images. You'll want to look for an upscale model with a high-quality image sensor, smart automatic settings, and optical image stabilization.

Flash Photography Benefits

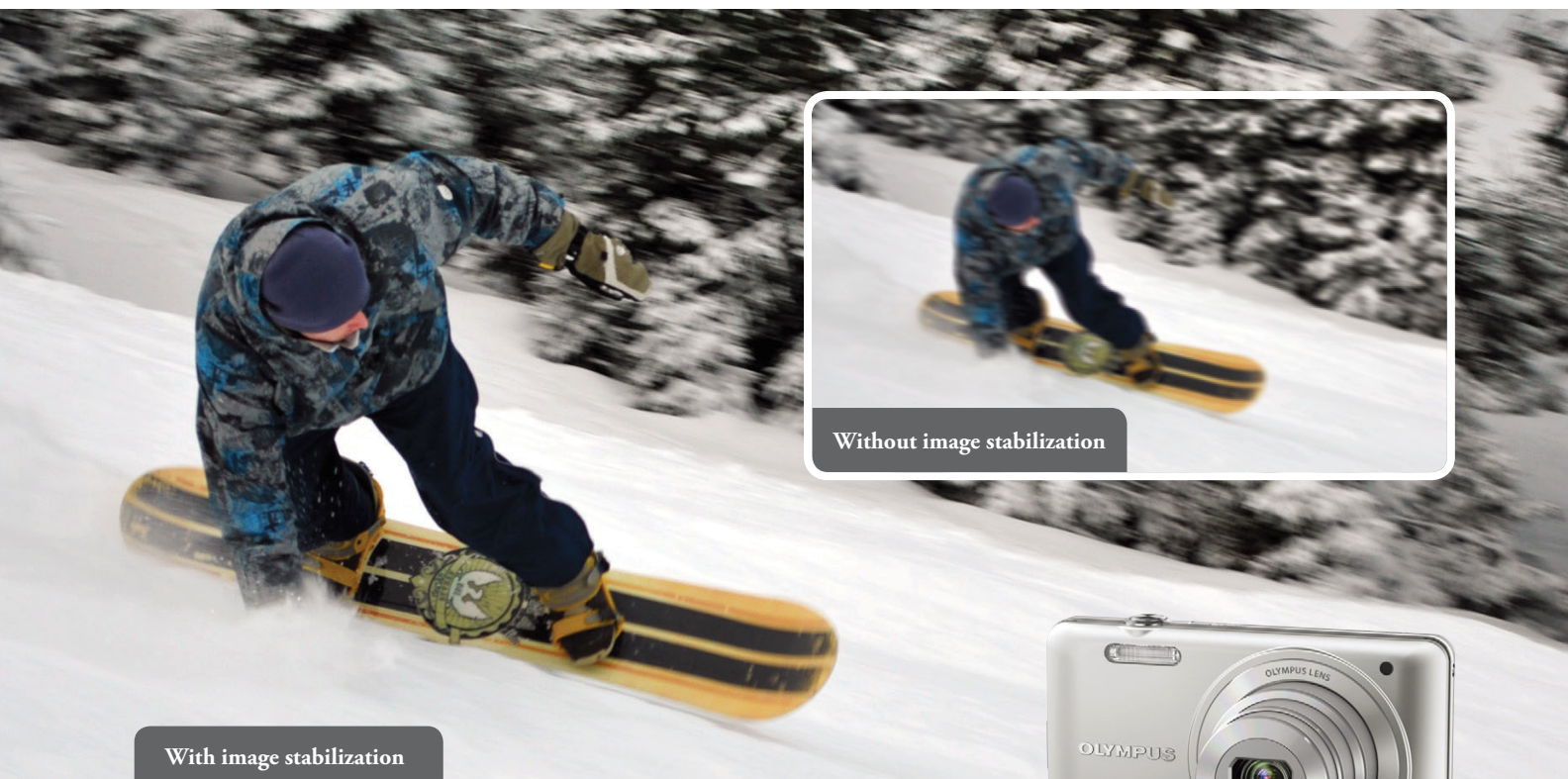
The more light illuminating your subject, the quicker your camera will be able to gather the light necessary for a photo with little or no visual noise (graininess). Autofocus will also work better with more light. Some cameras' fill flash settings produce great images without washing out the subject or darkening the surroundings. Others can benefit from an electronic flash accessory, one with a fast recycle time for quicker follow-up shots. If the flash is too harsh, you can dial down its intensity or attach a diffuser accessory to it. You might also bounce the light off a photographic reflector or use a mounted lamp in a softbox. Flashes use more energy, of course, so remember to bring along a few extra batteries in case you need them.

Capture Sharp-Looking Memories

Image Stabilization

A great shot can end up being a bad photo or video when an unsteady hand makes it blurry. Luckily, many cameras and camcorders have built-in image stabilization technology to reduce the effect of shaking so your media looks its best.

DIGITAL IMAGING



Without image stabilization

With image stabilization

Olympus VG-140 | SKU: 2207069



Crisp & Clear Photos

Image stabilization (IS) is useful when you're shooting in low-light settings because your camera's shutter speed is slow and its image sensor is exposed for a long period of time. It can also offset movement when you use a high optical zoom, which makes your camera extremely sensitive to movement.

Point-and-shoot cameras generally have image stabilization built into their bodies, but D-SLR or compact system cameras can have IS integrated into their mechanics as well as the detachable lenses they use.

While IS can counter the effects of an unsteady hand, it won't be able to compensate for the movement of your subject.

Smooth & Steady Video

You may think you keep perfectly still while shooting with a camcorder, but the smallest things such as your breathing or even your pulse can cause video shake. Tripods are one answer to this problem, but they aren't exactly convenient to always take with you. To solve this issue, most camcorders use image stabilization technology to counteract the effects of shaky grips, unstable stances, and other unintentional movements on your video.

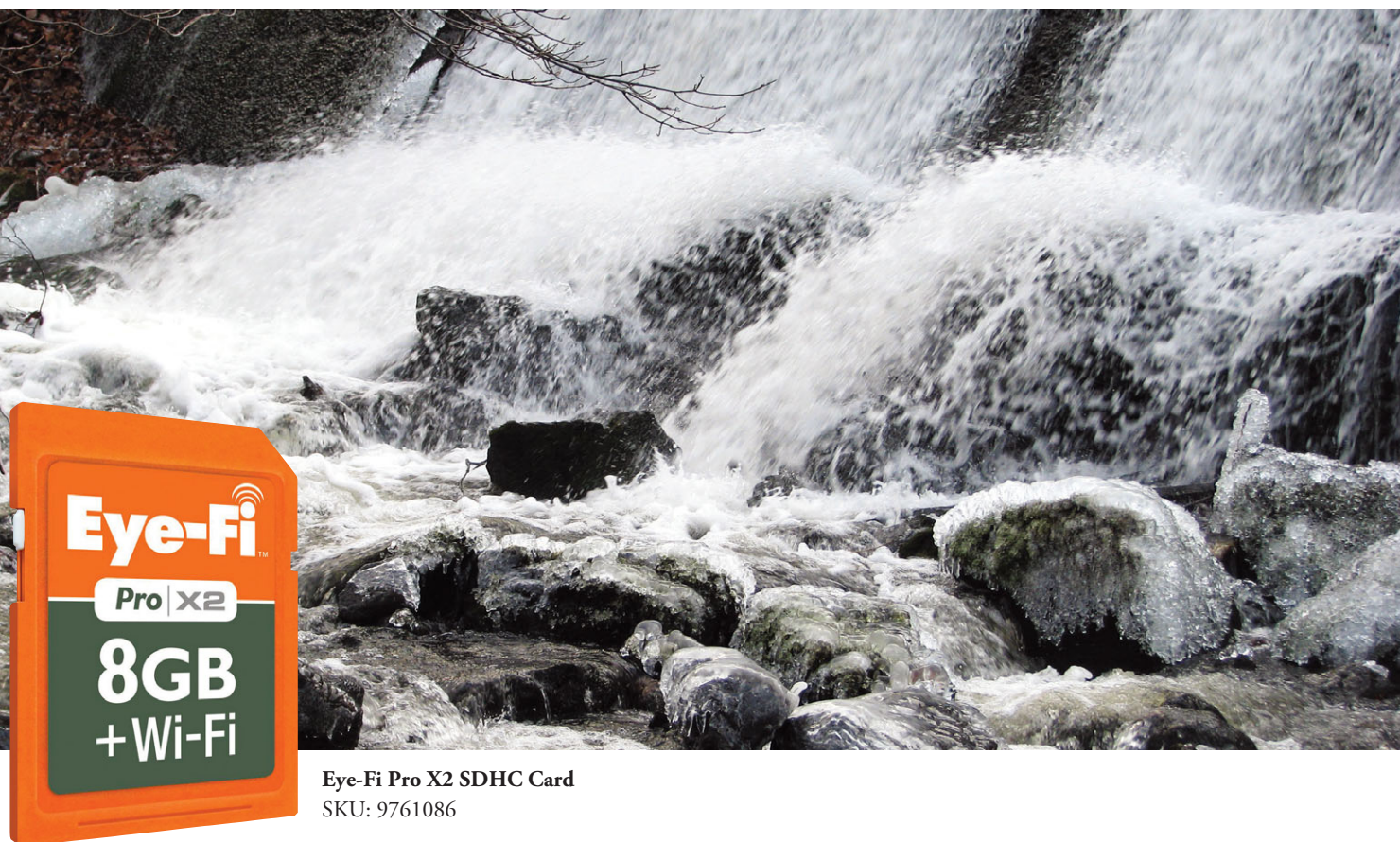
Camcorders generally offer both digital and optical image stabilization, but the latter is the most effective to offset unwanted motion from ruining the events you record. And just like on cameras, IS is most helpful when you zoom in on your subject.

Examine Capacity & Speed

Memory Card Specs

When you shop for a memory card, you're looking for two things: capacity and speed. Depending on your needs, one may be more important than the other. Here we'll help you determine the size and speed of a memory card that's right for you.

DIGITAL IMAGING



Eye-Fi Pro X2 SDHC Card
SKU: 9761086

Capacity

- A person who takes hundreds of shots at one time, such as a family shutterbug or a photo enthusiast, is more apt to need a large capacity memory card (4GB or more) than someone who only takes a few photos.
- Videos require more memory card capacity than images, but how much footage you can record varies widely due to a card's capacity and the quality level of your video (standard definition, 720p, or 1080p).
- If your camera shoots video in HD, a memory card with 8GB or 16GB will give you the freedom to shoot more than half an hour of footage. If you choose a lower capacity card, you'll probably have to swap in fresh cards more frequently.

Speed

- A memory card's maximum transfer rate typically determines how quickly your camera will be able to take another photo. A card with a faster speed is ideal for action shots because you won't wait as long between each shot.
- In terms of video, the sustained transfer rate of a memory card is more important than the maximum speed rating because the card must constantly write video data to the card.
- SD/SDHC cards have a sustained speed rating, such as Class 2, Class 4, and Class 6. The number in the rating is the MBps the memory card is guaranteed to transfer at. A higher number is preferable, and an SD card with a Class 4 or higher rating is an HD digital camcorder requisite.

Keep The Following In Focus

Camcorder Features

Buying a camcorder used to be a lot simpler when they all used the same storage medium (tape) and every TV had the same resolution (standard). You have a few more options now, so let's focus on what's important.

DIGITAL IMAGING



Insignia NS-DV720PBL2 HD Camcorder | SKU: 1150586

Resolution

A model with 1080 resolution will give you the best detail. If your budget allows, go for a HD widescreen camcorder. Note that inexpensive compact HD camcorders generally can't match the image quality of a traditional-sized HD cam, even if they share the same resolution. If cost is a major factor, a decent standard-definition camcorder can also serve you well. Also consider the size of the still photos a camcorder can take. In general, the more megapixels, the better.

Picture Quality

A camcorder's picture quality has a lot to do with its lens and image sensor, but the important thing is what it looks like on an HDTV. Try a model before buying to see if it can produce great video even under challenging conditions such as low light. Also, a model with image stabilization can make the footage shot with a handheld camcorder steadier. Look for a camcorder with optical image stabilization because it will deliver better results than electronic image stabilization.

Zoom

Most camcorders can optically zoom to a certain magnification level, such as to 12X, by physically moving their lenses. If you continue to tighten the shot, the camera will magnify the shot further, such as to 200X, by digitally enlarging the image. Because the picture will lose detail the more it's digitally zoomed, it's better to find a camcorder with enough optical zoom power to cover practically any need, such as 25X.

Take Framed Photos To A New Level

Digital Photo Frames

With the proliferation of digital cameras, capturing images has never been easier. However, far too often our digital photos and videos stay on our cameras, computers, or hard drives never to be seen. With a digital photo frame, you can free your captured memories.

DIGITAL IMAGING



Sony 10.1 Widescreen Digital Photo Frame

SKU: 9379497



The Right Size

Digital photo frames come in different sizes, so you'll want to select one that's suitable for your setting. For instance, a 7-inch frame would be ideal for a desk whereas a 12-inch frame would be best for a fireplace mantel. Also, if you have a wide-angle lens camera you need a wide-screen frame to fully enjoy your images.

Load Options

To add images to a digital photo frame, most models can connect to a PC or accept memory cards or USB flash drives. You'll find other connection options on select frames, such as Wi-Fi or Ethernet to stream content. Bluetooth compatibility lets a frame wirelessly receive images sent from Bluetooth phones, cameras, or computers.

Storage Needs

If you want a frame that can display a handful of photos of your kids for the grandparents, almost any digital frame will offer enough internal storage capacity. However, if you want to display a slew of photos and video from a variety of events, find a model that has a few gigabytes of built-in storage or one that has a memory card slot.

Extra Features

Beyond the basic digital photo frame that only plays back image files, you'll find models that can play video and audio files or back your images with music. Some models also provide access to online media accounts so you can stream live photo updates. And for simplified playback from across a room, some frames include a remote control.

Essential Things To Know

Snap Better Photos

Before you can start taking better pictures, you need to make sure that your camera can perform up to its potential. This means keeping it clean and undamaged, not to mention steady while you're shooting.

DIGITAL IMAGING



**Olympus Premium Slim
Leather Case**
SKU: 8239952



**Rocketfish 49mm
UV Lens Filter**
SKU: 2525566



Dynex Flexible Tripod
SKU: 1070372

What's the best thing I can do to take better-looking images?

Make sure you keep your camera's lens clean, and don't let anything scratch it. The lens has special coatings to reduce glare and other optical problems, so it's important to use only lens cleaning products that are safe for coated lenses.

How can I keep the lens safe and dust-free?

Always use a camera's lens cap when you're not taking pictures. For models without a lens cap, you need to turn off the power to shield the lens.

How can I protect the rest of the camera?

Every camera can rest easier in a protective bag or case. These guard against physical damage and, in some cases, moisture.

What can I do to steady my shots?

Most cameras come with optical and/or digital image stabilization technology to reduce motion blur in handheld shots. Still, you'll get the best results by shooting from a steady rest, such as a table or tripod. In situations where a tripod would be impractical, a monopod is a good compromise.

Would more light help?

In many cases, yes. With adequate light, your camera can more accurately auto-focus and adjust its automatic exposure settings. If your camera is compatible, try adding an electronic flash or continuous light accessory.

How can I get rid of glare?

If your camera supports them, a lens filter may help. Lens filters can improve the light characteristics of certain situations. For example, you might cut outdoor glare with a polarizing filter. In other situations, a ND (neutral density) or UV light filter may give you a better image.

Capture Life's Moments With A Point-&-Shoot

If you're a little confused about the most important features in a digital camera, you're not alone. In this chart, we compare features from select digital cameras, and we also explain what those features mean.

DIGITAL IMAGING

		Resolution; Optical zoom	Shutter speed	Memory card	LCD size	ISO	Video resolution	Coolest features
	What It Means	More pixels create larger prints you can crop; Movable lens magnifies the subject	A faster shutter speed will let you snap action photos without blur	Removable card that stores your photos in your camera	The LCD is the screen on the back of the camera	A higher ISO lets you take better photos in low-light settings	The level of detail that's captured when you shoot video	What sets this model apart from other cameras
	Canon PowerShot S100 SKU: 3558321	12.1MP; 5X	15 to 1/2,000 seconds	SD/SDHC/SDXC	3 inches	80 to 6400	1080	DIGIC 5 Image Processor; low-light performance
	Fujifilm FinePix XP20 SKU: 2420165	14.2MP; 5X	4 to 1/2,000 seconds	SD/SDHC/SDXC	2.7 inches	100 to 3200	720	Water, shock, freeze, and dust protection
	Nikon Coolpix S100 SKU: 4145178	16MP; 5X	4 to 1/1,500 seconds	SD/SDHC/SDXC	3.5 inches	125 to 3200	1080p	Large touch-screen
	Olympus X-560WP SKU: 4048264	10MP; 3X	4 to 1/1,000 seconds	xD-Picture Card/microSD	2.4 inches	100 to 1600	480	Usable to 10 feet underwater
	Samsung MV800 SKU: 3124037	16.1MP; 5X	8 to 1/2,000 seconds	microSD	3 inches	80 to 3200	720p	LCD flips up and rotates to make angled shots easier
	Samsung ST95 SKU: 2715364	16.2MP; 5X	8 to 1/2,000 seconds	microSD/microSDHC	3 inches	80 to 3200	720p	Blink, smile, and face detection to help you take better photos
	Sony Cyber-shot DSC-H70 SKU: 2553082	16.1MP; 10X	30 to 1/1,600 seconds	MS Duo/Pro Duo/Pro-HG Duo/SD/SDHC/SDXC	3 inches	80 to 3200	720p	TransferJet wireless sharing; powerful zoom
	Sony Cyber-shot DSC-TX55 SKU: 3421638	16.2MP; 5X	30 to 1/1,600 seconds	MS Micro/Mark 2/microSD/microSDHC	3.3 inches	100 to 3200	1080/60i	3D Sweep Panorama mode; Exmor R CMOS sensor

Snap Professional-Looking Images With A D-SLR Or CS Camera

Digital-SLR cameras offer interchangeable lenses and typically high image quality. But picture this: CS (compact system) cams seek to provide D-SLR benefits in a camera almost as small as a point-and-shoot. Here's a snapshot of some of the latest models.

DIGITAL IMAGING



		Resolution	LCD size	ISO range	Kit lens	Burst speed	Shutter speed
What It Means		Image sensor in megapixels; more means a bigger, more detailed image	Diagonal measurement of the screen on the back of the camera	A higher ISO range will let you take better photos of low-light action	Standard lens bundled with the camera body	Frames per second (fps) you can shoot while in burst mode	The wider the range, the greater the gamut of long exposures to frozen action
Compact System Cameras	 Nikon 1 J1 SKU: 3638105	10.1MP	3 inches	100 to 6400	10-30mm	10fps	30 to 1/16,000 seconds
	 Olympus PEN E-PL3 SKU: 3117259	12.3MP	3 inches	200 to 12800	14-42mm	5.5fps	60 to 1/4,000 seconds
	 Olympus PEN E-PM1 SKU: 3560274	12.3MP	3 inches	200 to 12800	14-42mm	5.5fps	60 to 1/4,000 seconds
	 Samsung NX200 SKU: 4038638	20.3MP	3 inches	100 to 12800	18-55mm	7fps	30 to 1/4,000 seconds
	 Sony Alpha NEX-5N SKU: 3187031	16.1MP	3 inches	100 to 25600	18-55mm	10fps	30 to 1/4,000 seconds
D-SLR Cameras	 Canon EOS 5D Mark II SKU: 9909482	21.1MP	3 inches	100 to 6400	24-105mm	3.9fps	30 to 1/8,000 seconds
	 Nikon D3100 SKU: 3099128	14.2MP	3 inches	100 to 12800	18-55mm	3fps	30 to 1/4,000 seconds
	 Sony Alpha A65 SLT-A65VK SKU: 3512038	24.3MP	3 inches	100 to 16000	18-55mm	8fps	30 to 1/4,000 seconds

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Match Your Lifestyle To An HD Camcorder

HD camcorders can capture memories with vivid color and true-to-life detail. To find the model that best fits your needs, consider the differences among the selections below.

DIGITAL IMAGING

What It Means		Screen size	Optical zoom; Digital zoom	Image sensor size	Flash memory card	Digital still resolution	Cooler features
		Diagonal length of viewing screen	Two methods for magnifying your subject; Optical zoom is better	Sensors convert light into elec- trical signals; bigger is better for image quality	Compatible flash card types (cards not included unless noted)	The number of megapixels the camcorder can capture in still images	What sets this camcorder apart from other models
	Canon VIXIA HF M41 SKU: 2088565	3 inches	10X; 200X	1/3-inch	SD/SDHC/ SDXC	2.07MP	Features Dynamic SuperRange optical image stabilization
	DXG DXG-5F9V SKU: 4023432	3.2 inches	1X; 10X	1/3.2-inch	SD/SDHC	5MP (10MP interpolated)	Can shoot in 3D as well as 2D
	Panasonic HDC-TM41 SKU: 3128925	2.7 inches	16.8X; 1,200X	1/5.8-inch	SD/SDHC/ SDXC	2.1MP	POWER O.I.S. (Optical Image Stabilizer)
	Samsung H300 SKU: 2052403	3 inches	30X; 300X	1/4-inch	SD/SDHC	4.9MP	Low light sensitivity and dual image stabilization
	Samsung HMX-Q10UN SKU: 2428149	2.7 inches	10X; 20X	1/4.1-inch	SD/SDHC	4.9MP	Backside illuminated CMOS for better low light performance
	Sony Bloggie Live MHS-TS55 SKU: 4676989	3 inches	N/A; 4X	1/2.5-inch	N/A (8GB of internal memory)	12.8MP	Wireless uploading and live streaming support
	Sony Handycam HDR-TD10 SKU: 3224955	3.5 inches	10X (3D)/12X (2D); 160X (2D only)	1/4-inch	SD/SDHC/ SDXC/ Memory Stick PRO Duo/ PRO-HG Duo	7.1MP	Can shoot 3D video in Double Full HD resolution; 3D video play- able in 2D
	Toshiba Camileo X400 SKU: 3530547	3 inches	23X; 120X	N/A	SD/SDHC/ SDXC	5MP (16MP interpolated)	Touchscreen in-camera video editing

See
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Essential Accessories

For all the time you spend mulling over which camera we want to buy, you should also give some thought to the accessories you'll need to go with it.

DIGITAL IMAGING



Lenses & Filters

Detachable lenses let you choose the right optics for each photo shoot. Your D-SLR or compact system camera may support a telephoto lens to bring the action up close or a macro lens to capture tiny details. Meanwhile, polarizing and UV filters can help you get clear images under tough lighting conditions.

Sony 55-210mm Zoom Lens for NEX Cameras | SKU: 3546034



Screen Protectors

The lens isn't the only part of a camera that needs a cap; the menu and/or viewfinder screen can use some protection, too. Stick-on screen protectors can shield the display from scratches without obstructing your view. And if your camera is a touchscreen model, a good screen protector shouldn't interfere when you select menu options.

Init Camera and Camcorder Screen Protectors (5-Pack) | SKU: 9010795



Tripods

Can any of us really say that we can hold a camera as steadily as we'd like to? Probably not. A tripod solves this issue, as it's sturdy enough to hold the your camera still for crisp, sharply focused shots. Many also come equipped with a three-way pan/tilt head that lets you fluidly follow subjects, making them perfect companions for shooting video.

Dynex DX-TRP60 60-inch Universal Tripod | SKU: 8241048



Extra Batteries

Continue to capture special moments, such as your son's baseball game or baby's first steps, with a spare camera battery on hand. If you only own a single battery, you won't have time to recharge it while important events are happening. With a fully charged backup battery, however, you won't have to miss any of the action.

Sony InfoLITHIUM G Rechargeable Lithium-Ion Battery | SKU: 8695263

Digital Imaging Glossary

Wondering what all of that camera lingo means? While you shop for a new camera, use this glossary to help decode the world of digital imaging.

DIGITAL IMAGING



aperture—An iris-like diaphragm opening that can expand and contract the lens to let you control the amount of light that passes through it, thus affecting the exposure. The term “f-stop” can be used interchangeably with aperture.

burst mode—A camera mode that lets you capture several shots consecutively by pressing the shutter button only once.

CCD—A charge-coupled device is a type of image sensor. It converts light into energy that can be stored as digital data on your camera.

depth of field—The area that is in focus in front of and beyond the subject of your photo.

digital zoom—Magnifies an image digitally by cropping it and filling in the rest with interpolated pixels, thus degrading the quality. Even if the numbers are impressive, never choose a camera based on digital zoom.

f-stop—See aperture. Smaller f-stop numbers mean a wider lens opening; larger f-stop numbers mean a narrower lens opening.

ISO—For digital cameras, the ISO setting

measures the sensitivity to light (similar to how it does with film). Digital camera ISO settings, such as 200, 400, and up, should capture photos as if you were using film with such a speed. Lower ISO settings mean you need more light and vice versa.

LCD—The screen on the back of the camera that lets you see a live-action view of your subject or your photo after you’ve taken it.

lens—The apparatus on the front of the camera that gathers and directs light toward the image sensor. In a digital camera, the lens likely has both an optical and digital zoom.

megapixel—Approximately 1 million pixels. The higher the megapixel count, the higher the resolution and the more you can crop, which means you can create larger prints with better quality.

memory card—Because digital cameras have very little onboard memory, they need flash memory cards to store more than a dozen or so images. The type of memory card you need depends on the make and model of your camera. Some of the most popular memory cards are Secure Digital, MultiMedia Card, Compact Flash, and Sony Memory Sticks. In gen-

eral, memory cards are quite small.

noise—The small statistical variations among pixels that lead to (usually) minor distortions of color in a photo.

optical zoom—The camera’s mechanical ability to move its lenses to magnify your subject. With optical zoom, the higher the number (such as 5X or 10X), the better. When choosing a camera, always consider the optical zoom, not the digital zoom. Digital zoom artificially adds pixels.

resolution—The number of pixels in an image. The higher the resolution, the more detail and quality in a photo. Resolution is expressed horizontally by vertically (such as 2,272 x 1,704).

shutter speed—The length of time a camera’s shutter is open to let light through the lens and hit the sensor, which records the image. This is expressed in fractions of a second. For instance, a shutter speed of 1/250 means that the shutter is open for 1/250th of a second.

white balance—Cameras adjust colors based on the way white objects look under the current lighting, leading to more lifelike colors. White balance can usually be manually adjusted, too.

Epson EX Series Projectors

Easy To Setup

Setting up a projector should be simple, especially when your time is better spent captivating an audience with a presentation. The Epson EX series multimedia projectors (www.epson.com) can display your media practically anywhere and without complication.

COMPUTERS & TABLETS



Epson EX7210 Projector | SKU: 3218035 | www.epson.com

Instant Setup

Many business people spend countless hours on a presentation, only to have issues connecting their PC to the projector. Thanks to Epson's USB Plug 'n Play capabilities, you can get up and running in a snap without hassling with non-intuitive controls. Connect your computer to the projector with a USB cable and you're ready to go. Epson's projectors also eliminate the distorted image dilemma with image correction. The easy-slide control bar lets you quickly fix horizontal images while vertical images are automatically adjusted.

Vivid & High-Quality Video

An Epson EX projector uses 3-chip, 3LCD technology to display images that are vivid and bright with equal color and white light output. For the best in video quality, the Epson EX7210 projector boasts HD WXGA (1,280 x 800) resolution and a 16:10 aspect ratio, so images appear larger-than-life with fine detail. And when you're outside the office, the EX7210 can double as a home theater projector once you connect a Blu-ray Disc player or other HD media sources via HDMI.



Epson EX Series Projector Features*

	Epson EX3210 SKU: 3218017	Epson EX5210 SKU: 3218008	Epson EX7210 SKU: 3218035
Resolution	SVGA	XGA	WXGA
Light Output in Lumens (Color/White)	2,800/ 2,800	2,800/ 2,800	2,800/ 2,800
HDMI		✓	✓ (True HD 16:10 format)
Easy-slide Horizontal Keystone Correction	✓ (Manual)	✓ (Manual)	✓ (Manual)
Vertical Keystone	Auto	Auto	Auto
USB Plug n' Play	✓	✓	✓
PC-Free Slideshows	✓	✓	✓

* All EX models include carrying case, VGA cable, and USB Plug 'n Play cable.

Power & Beauty Ultrabooks



No longer do you have to compromise on speed when you buy a sleek, thin laptop. Ultrabooks come with the power of Intel 2nd Generation Core processors (www.intel.com), and yet they're less than 1-inch thin.

COMPUTERS & TABLETS

Samsung Series 5 NP530U4B-A01US
with Intel 2nd Gen Core i5 processor
SKU: 4700116



Acer Aspire S3 Ultrabook
with Intel 2nd Gen Core i5 processor
SKU: 4171689



Toshiba Portégé Z835-P330 Ultrabook
with Intel 2nd Gen Core i3 processor
SKU: 3868228



ASUS Zenbook UX31-RSL8
with Intel 2nd Gen Core i5 processor
SKU: 3757001



Performance

Ultrabooks set a new standard for speed in the thin laptop category. Never before has there been processing power of this magnitude in a sleek package. You'll experience the joy of performance with a built-in Intel 2nd Generation Core i3, i5 or i7 processor (see page 38).

In addition, Ultrabooks break new ground in responsiveness. SSDs (solid-state drives) can be key to this equation. These hyper-speed storage modules assist with fast bootups and app launches. They also help you wake your Ultrabook from a deep sleep in a flash. This means a quick return to where you left off, and a smooth, seamless experience.

Style & Design

Ultrabooks prove that beauty and strength can indeed coexist. They're always less than 1-inch thin, so you're guaranteed a low-profile laptop you'll be proud to show off.

Mobility is crucial to the Ultrabook experience, so their portability is enhanced with just-right screen dimensions. You'll get a bigger display than most tablets offer, which means increased productivity and more compelling entertainment options on your laptop.

What's more, despite their trim profiles and high-caliber performance, Ultrabooks offer a long battery life.

Entertainment

Besides great multitasking power, Ultrabooks provide you with impressive visual punch for those times when you're ready to kick back and take a break.

Intel's 2nd Generation Core processors come with a feature called Intel Insider (see page 40). This technology, integrated into the hardware, allows you to download and watch 1080p Full HD movies and programs from an on-line service such as CinemaNow. Ultrabooks also typically come with HDMI output support, making it easy for you to play Full HD movies and TV shows on the biggest screen in your home—your HDTV.

Intel 2nd Gen Core Processors

Get More With Core

A laptop with an Intel 2nd Generation Core processor (www.intel.com) gives you more built-in features than other PCs. These include free 4G WiMAX service, 1080p movie download support, wireless HD video, and more. That's smart performance you can see.



Get more built-in value that you can't get at other retailers with an Intel 2nd Gen Core PC at Best Buy.



Intel 4G WiMAX lets you connect all around town at blazing high speeds—up to four times faster than 3G—and get 100MB of data for the life of the laptop for free.

It's true: Intel's 4G WiMAX gives you broadband speeds around town like those you enjoy at home. And now it also gives you free 100MB monthly service for as long as you own your Intel Core-based laptop. By pairing your mobile devices with 4G WiMAX, you can speed up your digital life.

Intel Insider technology allows  you to unlock the 1080p Full HD version of movies you download through Best Buy CinemaNow.

Using your Core laptop's Intel Insider feature (see page 40) and Intel HD Graphics, you're ready to revel in high-definition entertainment. And you can send that 1080p blockbuster to your HDTV over Intel Wireless Display or an HDMI cable.



Intel Wireless Display helps you to enjoy your personal and online content on the big screen by wirelessly connecting your laptop to your TV.

Who needs an HDMI cable? Intel's WiDi gives you the power to send HD video and audio to your HDTV without a cable in between.

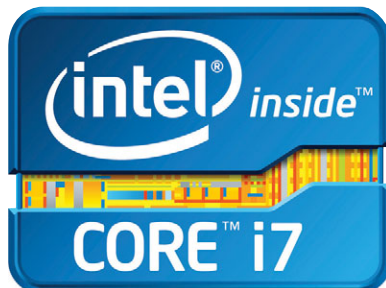
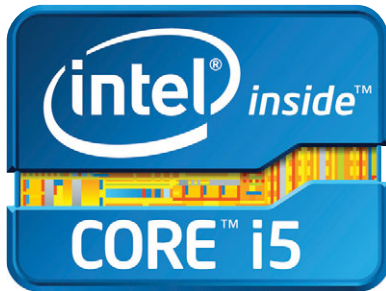
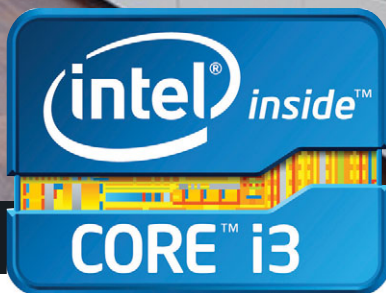
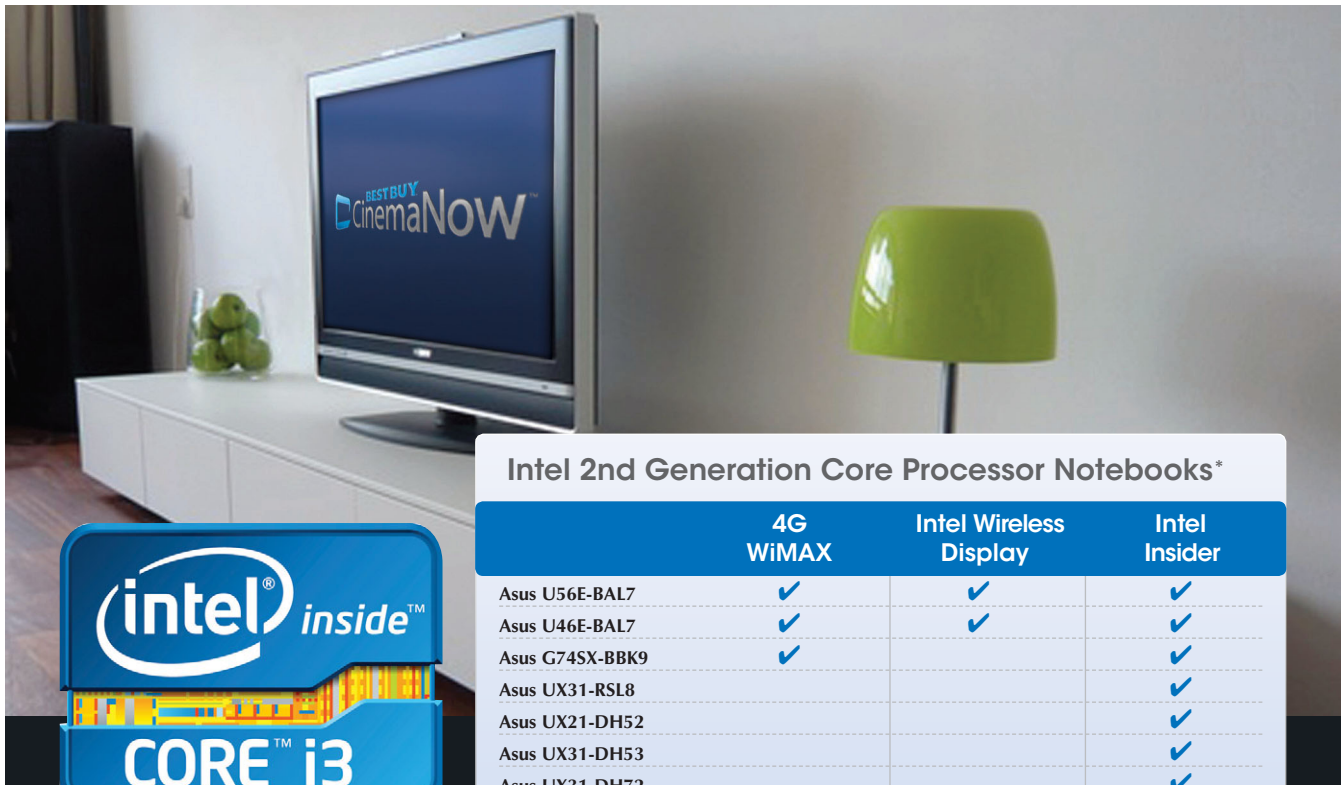
Intel makes WiDi easy to use, so you can quickly set it up and get right to your entertainment. The technology is built into select laptops powered by the Intel 2nd Gen Core processor.

You'll also need a WiDi-compatible adapter that connects to your HDTV. This module acts as a receiver for the wireless content you'll transmit from your computer.

Play a movie disc or video on your laptop, and Intel Wireless Display will stream HDMI-quality video and audio to your big screen, cable-free.



COMPUTERS & TABLETS



Intel 2nd Generation Core Processor Notebooks*

	4G WiMAX	Intel Wireless Display	Intel Insider
Asus U56E-BAL7	✓	✓	✓
Asus U46E-BAL7	✓	✓	✓
Asus G74SX-BBK9	✓		✓
Asus UX31-RSL8			✓
Asus UX21-DH52			✓
Asus UX31-DH53			✓
Asus UX31-DH72			✓
Dell i14RN-1228BK		✓	✓
Dell i15RN-3882BK	✓	✓	✓
Dell i17RN-5047BK	✓	✓	✓
Dell x14z-2310SLV		✓	✓
Lenovo V570 - 1066AWU	✓	✓	✓
Samsung NP900X3B-A01US		✓	✓
Samsung NP-QX411-W02UB	✓	✓	✓
Samsung NP700Z7C-S01US			✓
Samsung NP300E5A-A02UB		✓	✓
Samsung NP700Z5B-S01UB		✓	✓
Samsung NP530U4B-A01US			✓
Sony VPCEH35FM/B		✓	✓
Sony VPCEG37FM/W	✓	✓	✓
Sony VPCSC41FM/S	✓	✓	✓
Toshiba P745-S4102		✓	✓
Toshiba P775-S7100	✓	✓	✓
Toshiba P755-S5120	✓	✓	✓
Toshiba Z835-P330		✓	✓

*Check with an associate to see which models are currently available.

The Only Way To Enjoy Full HD Downloads

Intel Insider



Some movies you simply have to see in Full HD. Now, for the first time, you can download 1080p blockbuster content to an Intel 2nd Generation Core laptop with Intel Insider technology (www.intel.com).

COMPUTERS & TABLETS



Core Feature

Any Intel 2nd Gen Core i3, i5, and i7 processor based-laptop comes standard with Intel Insider. This innovative built-in technology secures your laptop's connection to an HD movie download service such as Best Buy CinemaNow (www.cinemanow.com). With a safe, trustworthy connection, you have access to 1080p content.

HDTV Ready

Full HD movies look noticeably sharper, even on a laptop's display. But when you put that content on a big screen, its incredible resolution really takes center stage. Simply connect your 2nd Generation Core laptop to your TV with a cable. Models with embedded Intel Wireless Display technology can wirelessly stream content.*

What You Need

The first item you'll need for 1080p downloading is a laptop with an Intel 2nd Generation Core processor. Its Intel Insider feature, along with Intel HD Graphics, set the scene for amazing, high-def thrills. Sign up for Best Buy CinemaNow service online, choose a movie or TV show, and you're ready to enjoy Full HD.

CinemaNow

Breaking new ground in on-demand, online entertainment, Best Buy CinemaNow is the only service that lets you download 1080p Full HD content to a computer. Intel Insider technology makes it possible for you to rent or buy high-def new releases and critically acclaimed TV shows using the Internet and CinemaNow service.

*An HDTV adapter is required to use Intel Wireless Display technology

FirstGlimpse

Accessory Advantages

App-Driven Devices

Built with app-based devices in mind, there are accessories that can further extend the capabilities of your tablet, smartphone, or MP3 player. Whether it's for business or leisure, the benefits of these accessories are many. Read on to learn how they can fit your needs.

COMPUTERS & TABLETS



iHealth iBaby Monitor
SKU: 3230259

Check On Baby

Your little one may be a crier, but she always calms down when she hears your soothing voice. Using your tablet, smartphone, or MP3 player, a two-way baby monitor and its app lets you speak to your baby when she fusses during nap time. Even more helpful is the ability to see your infant on your device using the camera function.

Choose Media

Watch TV. Play a video game. Start a movie. You can do all of this when you pair an app-based tablet or smartphone with a home-theater control station and its app. Like a universal remote control, you'll be able to operate your HT components using your device. And to select what you want to watch, you can browse an illustrated guide.

Swipe Payments

A mobile credit card reader can simplify on-the-go payments, making it useful for small business owners with round-the-clock hours. Simply attach the accessory and download its app to your device, and you're ready for transactions. Some models will email receipts upon transactions or use encryption to keep customer information safe.

Control Vehicles

Get in the driver's seat of different mini vehicles, such as race cars, monster trucks, or helicopters, by using their motion control apps on your tablet, smartphone, or MP3 player. Using your app-based device you can race or perform tricks. Some models also include online entertainment such as mini games and virtual goods to download.

Make Your Pages Count

ISO Print Speed

When shopping for a printer, you want a model that can output documents quickly. To guarantee you make an apples-to-apples print speed comparison between printers, a standard called ISO ppm was created. Read on to learn why this spec is important to know.

COMPUTERS & TABLETS



Epson WorkForce 845 All-In-One Printer | SKU: 3425051

Global Standard

To help you correctly judge the print speeds on all types of printers, the International Organization for Standardization created ISO ppm, which uses a single testing standard to level the print speed playing field. The standard is industry-approved and internationally accepted, and it was developed by printer experts.

ISO ppm Defined

The ISO ppm specification is a *true* measure of a printer's output speed. To determine ISO ppm, printer manufacturers must test a printer with default, out-of-the-box settings for real-world results. By knowing a printer's ISO ppm, you'll be able to select a printer with the right ISO ppm to match your productivity needs.

Easy Comparison

Because a printer's listed ISO ppm indicates a model's true print speed result, you can directly compare the ISO ppm of different printers, regardless of their brand or model. The higher an ISO ppm, the faster a printer performs. For example, a printer with a 15 ISO ppm will perform much faster than a printer with a 7 ISO ppm.

Front & Back

Printing isn't relegated to only one side of a sheet of paper. There's also a standard for two-sided printing called two-sided ISO ppm. With the right two-sided speed, you benefit from more time and cost savings. For instance, a printer with a 500-sheet tray can print 1,000 pages using both sides without more paper being added to its tray.

You Should Know These Printer Features

Beyond the basics of a new printer's features, such as whether it uses ink or toner, there are a few capabilities you should look into before you buy. Here's a list of goodies you should look for as you shop.

COMPUTERS & TABLETS



Epson PictureMate Show Photo Printer and Digital Photo Frame
SKU: 1525426

Connections

Wi-Fi support is a big selling point among printers today, as it makes it convenient for you to place your new printer anywhere there's wireless coverage. Wired networking support gives you almost as much setup flexibility, as Ethernet cables can be much longer than the typical USB connection to a computer.

Walk-Up Features

If a printer has a menu screen and/or memory card slots, it may let you perform certain printing tasks without using a PC. For instance, you may be able to print photos directly from your camera's memory card after choosing them on-screen. Some models even let you crop and edit your pics before you print them.

All-In-Ones

A growing number of printers aren't mere printers—they're productivity powerhouses known as all-in-ones. These devices are great examples of convergence. They give you printing, copying, scanning, and often faxing capabilities, all in one compact, space-saving device.

Print Via Apps

Some printers support apps that let you print items directly from your mobile device, such as a tablet or smartphone. These apps can often be downloaded and installed on your mobile devices from a printer manufacturer's Web site or an app store. Apps for all-in-one printers may even let you scan docs and pics to your mobile device.

All-In-One & Standalone Models

Printer Types

Even in this age of tablets, smartphones, and electronic communications, you still need to print things out quite often. Let's take a look at the basic types of printers you can connect to your computer, network, or other devices.

COMPUTERS & TABLETS



Epson WorkForce 545 All-In-One Printer
SKU: 3425103

All-In-One Printers

This category of printers has become very popular in recent years. All-in-ones combine several complementary functions in one useful package. Typically, an all-in-one can not only print documents and photos, but also scan and make copies, too. Many all-in-ones also include fax capabilities as well, using the scanner mechanism to read the documents you want to send electronically. You can buy an all-in-one based on either inkjet or laser printing technology.

Inkjet Printers

One type of traditional, standalone printer is the inkjet. Inkjet printing uses four or more colors of ink to create vibrant photos and good-looking documents. Photo inkjets may support additional ink tanks to print more lifelike images, and/or special types of ink formulated to make printouts that won't fade for long periods of time. Inkjet printers can be inexpensive, so they're practical for home, classroom, and dorm room use.

Laser Printers

Laser printers used to be considered strictly for business use, but falling prices have made them popular in small offices and home offices, too. This kind of printing technology is known for producing inexpensive prints on a cost-per-page basis. Laser printers use a dry powder called toner instead of ink; heat melts the toner into the paper to make very crisp text and graphics. You can buy either color or monochrome (black toner only) laser printers.

What Is Mobile Broadband?

3G/4G Connectivity

A mobile broadband connection, also known as 3G/4G, is the ultimate in convenience for laptops, tablets, smartphones, and other 3G/4G capable devices. Once you sign up for mobile broadband, you'll be able to access the Web anywhere within a cellular network.

COMPUTERS & TABLETS



Lenovo IdeaPad V570-1066AWU | SKU: 4676403

3G vs. 4G Connectivity

The latest tier of mobile broadband to hit select metro areas is 4G, which provides the fastest downloads and Web access when you're on the go. Alternatively, 3G coverage is available nearly everywhere in the United States. The speed of 3G is typically fast enough to stream audio and video as well as download email attachments in minutes. Because it can better handle high-bandwidth content, 4G is more suitable for downloading items from the Web and streaming high-quality video.

Embedded Mobile Broadband

No matter where you are, if you're within a 3G or 4G service area you can access high-speed Internet using a laptop, tablet, or smartphone with built-in mobile broadband capabilities. And because 3G and 4G is built on the same infrastructure as cell phone towers, it's likely you can remain connected even if you're on the move. So, if you're a passenger on a long car trip you'll still be able to use the Web without interruption.

Mobile Broadband Providers

In order to use 3G/4G, you need a data plan and service contract from a mobile service provider. 3G coverage is available in most areas where you can get a cell phone signal, although it's not quite as ubiquitous. On the other hand, 4G isn't as prevalent as 3G. It's available in major cities and continues to roll out in new locations. Make sure to check a provider's coverage area to see if it offers 3G/4G service where you live and work.

Faster Wireless Performance

Improve Your Wi-Fi

Distance and obstructions can hamper your wireless network speed, not to mention your online video streaming and gaming. A new device or two can put your Wi-Fi into overdrive and improve its coverage in “dead spots.”

COMPUTERS & TABLETS



Samsung Wireless Router CY-SWR-1100 | SKU: 4124273

A New Router

Today's routers are better than ever at providing high-speed access to a greater number of wireless devices. With the explosion of Wi-Fi gadgets beyond laptops—including tablets, smartphones, and home-theater equipment—many routers now come with concurrent dual-band capability, which lets them support slower gizmos without reducing the network speed to your faster devices. This can eliminate frustrating problems with streaming video, for example. Moreover, some 802.11n routers even support Wi-Fi speeds of up to 450Mbps. (You may need to install compatible wireless adapters in your laptop and other devices in order to take full advantage of the higher performance on tap.)

Wi-Fi Range Extenders

A range extender, also known as a Wi-Fi repeater or booster, is a device that can add a new wireless hotspot to your network where you need it the most. For example, if your current wireless router resides on one side of your home, making its coverage weak (and thus slow) on the other end of the household, you can install a Wi-Fi range extender in the dead spot to beef up the signal. With the new access point in place, you'll have faster wireless network performance for more responsive gaming and a more consistent, smoother video streaming experience. Before you buy a range extender, make sure that it supports your network's current speed (or higher) and type of encryption.

Built-In & Add-On

Laptop Protection

A laptop requires safeguarding on the inside and outside because you're protecting your data as well as your computer. Here's a glimpse at the varying forms of defense that keep your personal information and hardware secure.

COMPUTERS & TABLETS



Sony VAIO VPCSC31FM/S
SKU: 3519978



Kaspersky ONE Universal Security
SKU: 3630185



Init Deluxe Laptop Case
SKU: 2809016



Preemptive Defense

Whether they appear physically or virtually, laptop thieves can jeopardize your mobile assets. This is why a built-in defense is so important. For example, some laptops come with a theft protection service. If your laptop is stolen or lost, you can remotely deactivate the device so no one can get to your personal data. When it's recovered, you can restore your laptop's usability with a special password or hardware token.

Software For Safety

To prevent cybercriminal attacks from harming your laptop, you need the help of antivirus software. Some security solutions provide real-time protection by scanning your system in the background to identify malware and other threats. Other antivirus software bundle features include customizable parental controls, safe online banking, remote file lockdown, and online backup or sync capabilities.

Protective Gear

Dent. Scrape. Scratch. All of these forms of damage can disfigure your laptop's body and screen. The good news is there are a plethora of cases, sleeves, and shells designed to keep your laptop looking like new. Cases offer a high level of protection, whereas cloth sleeves keep out dust without adding bulk to your laptop. Shells are typically made of a hard rubber that cushions the impact of accidental drops.

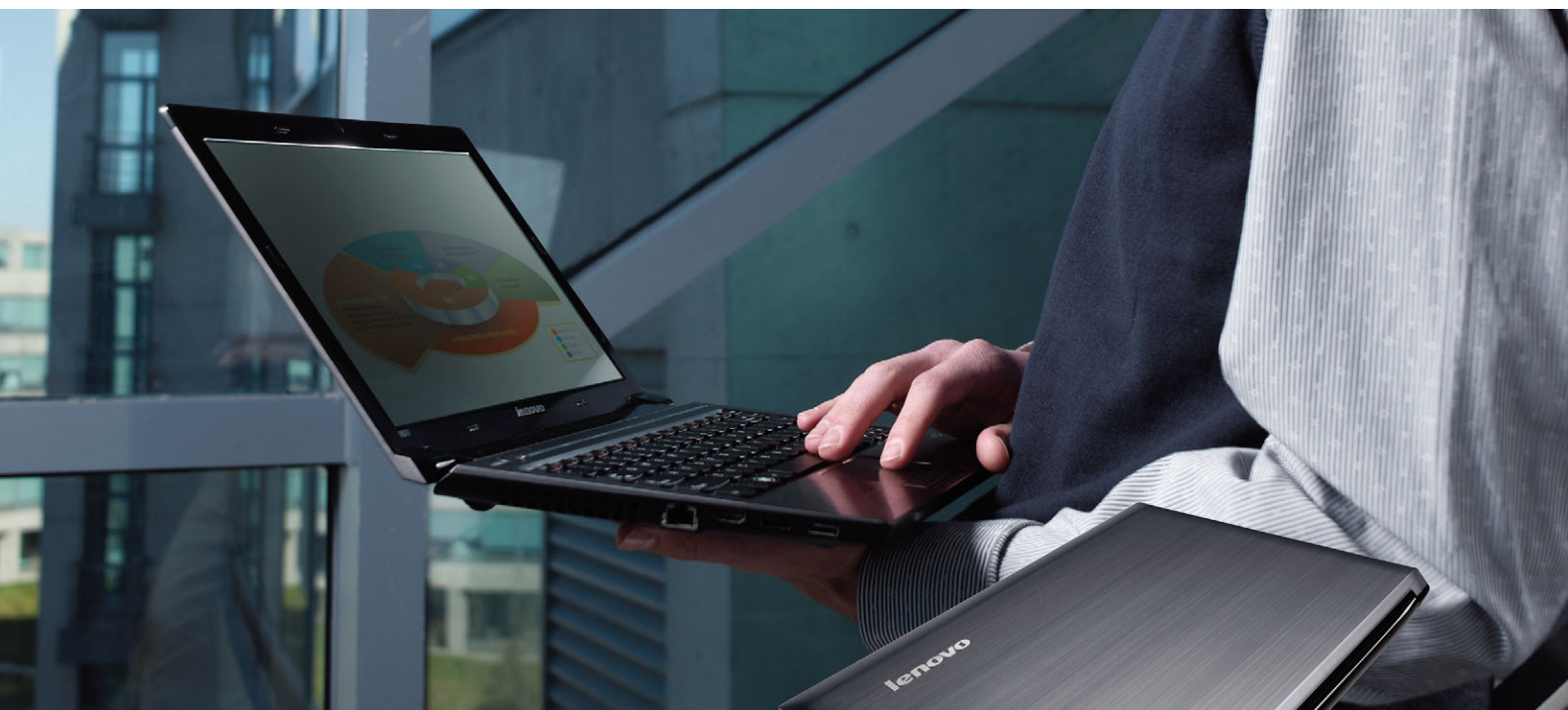
From The Microsoft Premium Collection

lenovo FOR
THOSE
WHO DO.

Lenovo IdeaPad V570

To say a laptop has everything may be an overstatement, but the Best Buy-exclusive Lenovo IdeaPad V570-1066AWU (www.bestbuy.com/lenovo) certainly has all the components and features you need to enjoy media, multitask easily, and secure your personal data.

COMPUTERS & TABLETS



Lenovo IdeaPad V570-1066AWU | SKU: 4676403

Be Entertained

Any visual content you access on the IdeaPad V570's 15.6-inch HD LED widescreen will be crisp and vibrant, thanks to its Intel HD Graphics. Built-in Intel Wireless Display technology, or WiDi, makes it possible to send images that appear on your laptop's screen to the biggest screen in your home, your HDTV. With a WiDi receiver connected to your TV, you're a button press away from watching movies, photo slideshows, and TV episodes on your HDTV.

Get Connected

Thanks to the 2nd Generation Intel Core i5 processor and the embedded Intel 4G WiMAX capability, the IdeaPad V570 allows you to remain connected to the Web while on the go. (You will need a 4G service contract and be within your service provider's area.) The IdeaPad V570 can also keep you connected via integrated Wi-Fi and Ethernet, so you're never without a way to go online, whether you're in an airport terminal, at the library, or driving cross-country.

Stay Secure

Lenovo's safeguarding features protect your personal information, such as banking or tax records. The included Lenovo Security Suite encrypts your data, manages passwords, and reads fingerprints. Data backup and recovery is simplified with OneKey Rescue System, so you can focus on your other tasks. And in the event that someone tries to extract data from your laptop with a USB drive, you can rely on the USB Port Locker to restrict unauthorized users.

FirstGlimpse

Get More From A Laptop

Innovative Benefits

You already know that a notebook computer is great for on-the-go Web access, social networking, work, and play. But with an accessory or two, you can use your laptop in surprising new ways. Read on to discover some possibilities.

COMPUTERS & TABLETS



**HP 2211x 21.5-inch
LED Monitor**
SKU: 2019075



Samsung 4G LTE Mobile Hotspot
SKU: 2035347

Web Phone Calls

Skype and other online services let you keep in touch with friends and family through Internet video phone calls. If your laptop doesn't have a built-in Web cam and microphone, you can easily add these capabilities. Buy a USB Web cam and/or a set of headphones with an integrated microphone, and you're all set.

Expanded Wi-Fi

With a mobile hotspot, you can access the Internet practically anywhere you receive a cell phone signal. In other words, your laptop's Web access will no longer be limited to areas with Wi-Fi coverage. Imagine the possibilities with your laptop while you're traveling, camping out, or picnicking in a park.

Big-Screen Media

More and more laptops now come with ways to send their video to an HDTV. With the right connection—such as an HDMI cable or an adapter for Intel's Wireless Display, if your laptop supports it—you can enjoy streaming video, home movie footage, and even HD entertainment on your big screen.

As A Desktop

Many of us love the portability and power of a laptop, but we'd really rather have a more ergonomic keyboard and a larger screen. When you're not out and about, plug your laptop into a mouse, LCD monitor, and the keyboard of your choice. A docking station will make these connections even simpler.

Functional Features

What Tablets Do Well

A tablet can help you get organized, keep you entertained or informed, or let you communicate more easily with friends, family, and colleagues. Whatever your intention, a tablet is a device that expands the possibilities of personal productivity like never before.

COMPUTERS & TABLETS



Sony Tablet S
SKU: 3478046

Partner To The PC

A tablet doesn't replace your laptop or desktop computer—it's a mobile companion that complements your computer. Tablets are lightweight and use apps instead of demanding programs, making them effective for taking quick notes, keeping track of to-do lists, checking email, and updating social media profiles.

Fast Start Up

Nobody wants to wait for a device to turn on, so it's convenient that tablets boot up almost instantaneously. On top of that, you can often switch between and use more than one app at the same time. This is called multitasking, and it's a benefit that reduces lag time as you transition from typing a message to watching a video.

Super Portable

A tablet's portability makes it the perfect traveling sidekick. Svelte enough to slip in a purse or pick up and carry from room to room, tablets still offer screens large enough to make them ideal for enjoying media. Take it on your daily commute, to a business presentation, or to the gym so you can stream content while running on the treadmill.

Stay Connected

Most tablets can wirelessly connect to the Internet using Wi-Fi or 3G technologies. A few models offer support for both. Many tablets are Bluetooth capable, too. These options make it possible to stream media, such as movies, music, and photos; purchase and download additional content; and use apps that enhance your tablet.

Tablet Wireless Capabilities

3G/4G & Wi-Fi

All tablets share the ability to connect to the Internet, letting you stream audio and video; stay connected via email, chat, and social networks; use Web-based productivity software; and more. How tablets connect, however, differs among models, as the following explains.

COMPUTERS & TABLETS



Samsung Galaxy Tab 10.1 (32GB) | SKU: 2817743

Get Connected

Tablets wirelessly connect to the Internet using either via Wi-Fi or mobile broadband access. Mobile broadband includes 3G and 4G connectivity, with the latter also referred to as WiMAX or LTE, which are specific 4G technologies. Some tablets provide both Wi-Fi and mobile broadband connectivity options, meaning if a Wi-Fi connection isn't available, the tablet can still connect if a 3G/4G signal is available.

Wi-Fi 101

Tablets can access the Internet using an integrated antenna that acquires Wi-Fi signals from private or public hotspots such as home-based wireless routers or access points in public locations such as cafés and airports. Although Wi-Fi provides faster connectivity than mobile broadband, it delivers less coverage area. A tablet based on the current Wi-Fi N protocol, for example, can obtain up to 450Mbps theoretical data transfer speeds, but generally span only 300 to 600 feet from the hotspot.

Mobile Broadband

Tablets can connect to mobile broadband via an integrated receiver or add-on device that acquires 3G/4G cellular signals, such as a USB-based modem or mobile Wi-Fi hotspot device. Speeds max at 1.4Mbps for 3G (Web surfing and emailing) and 6Mbps and 12Mbps (high-end video streams) for 4G. Currently, 3G coverage spans nationwide, while 4G is mostly limited to major urban areas. To get mobile broadband access, you'll need a data plan contract with a cellular provider.

Tailor A Tablet To Fit Your Needs

Tablet Apps

A computing device can be as useful to your life as a tool is to a mechanic, so it's good to know there are plenty of tablet apps to help you work, play, and do everything in between. Below are several ways to take advantage of these apps.

COMPUTERS & TABLETS



Sony Tablet S
SKU: 3478046

Stay Organized

If you're someone who lives by checklists, then a productivity app will keep you on track to complete your goals. In fact, there are apps that can organize almost every part of your life. For instance, there are apps to manage daily tasks, sync your work and personal schedules, and meet a monthly budget.

Communicate

On a tablet, you can rely on one or more apps to stay in touch with friends, family, and colleagues. Some apps let you text just like you would using a smartphone and others push email to your device so you receive timely new message notifications. And with easy access to social networks, you can post and reply to friends anytime, anywhere.

Be Creative

Are you a graphic artist, writer, painter, or musician? Even if you're not, you can use tablet apps to release your creativity. Drawing apps give you the freedom to sketch images with your finger or stylus. When you're on the go, you can use a word processing app to jot down ideas, stories, and more. The possibilities are limitless.

Enjoy Media

Because tablets are thin, Web-connected, and have large screens, they're ideal for portable multimedia enjoyment. Some apps let you watch online videos, stream music, download games, and more. All of this entertainment can also be stored and backed up to the cloud without space limitations.

PC Gaming Headphones

Audio Advantages

The right PC gaming headset can give you a competitive edge with directional audio cues and instant communication with your teammates. And of course, it can also let you immerse yourself in your games without disturbing the rest of your household.

COMPUTERS & TABLETS



Rocketfish Universal Wired Headset for Xbox 360, PlayStation 3 & PC
SKU: 3088969

Surround Sound

Enemies to the right, enemies to the left, and who knows what is sneaking up behind you? Gaming headphones with discrete or simulated surround sound let you hear exactly what's going on. In fact, many players say that a good surround-sound headset provides more distinct feedback than a set of surround speakers.

Microphone

Multiplayer gaming demands teamwork, whether you're raiding a dragon's lair or storming a militant compound. Essential to your success is clear communication, so many gaming headphones come with an adjustable microphone for online chatter. A mic with a noise-canceling feature will give you the clearest results.

Connections

Gaming headsets connect to your PC through either wired or wireless means. Wired headphones typically plug into a USB port on your computer. Wireless models, on the other hand, transmit to a special USB adapter. These cable-free headsets may use Bluetooth or other wireless technologies for lag-free, reliable performance.

Personal Taste

Choosing a set of headphones is a very personal decision. A headset that sounds good to you may not be someone else's first pick, and vice-versa. Likewise, you may find a particular style more comfortable than others, such as an over-the-ear or earbud model. Your local electronics store may let you try before you buy.

Essential Things To Know

Business Projectors

Business projectors can display training videos on an enormous screen and help you give colorful presentations. Using some of the same technologies as HDTVs, a unit slightly bigger than a laptop can throw a bright, clear image even from an angle.

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Epson EX7210 Multimedia Projector

SKU: 3218035



What are the general features of a business projector?

Business projectors are ideal for transporting to meetings, thanks to their compact size. They often feature HD resolution, instant setup, and widescreen format. Most projectors can support multiple video sources, such as a notebook or a Blu-ray disc player, too.

Can a business projector also be used for home entertainment purposes?

Generally speaking, you can use a business projector for a home theater. Many models offer a variety of inputs for your home-theater components, such as Composite, Component, HDMI, S-Video, and USB.

What is image correction technology?

Image correction technology, which is also known as keystone correction, lets you adjust a projected image so that it appears perfectly square. This feature becomes useful if you need to place a projector at an angle for a presentation.

What resolution do I need for HD video?

If you plan to display HD video, you'll need a projector that can display at least 1,280 x 800 pixels with an aspect ratio of 16:10. This resolution is also known as WXGA, which can accommodate widescreen 720p video.

What is DLP?

Digital Light Processing is a display technology that shines lamp light through a spinning color wheel onto tiny, movable mirrors. DLP's image quality complements movie presentations in darker rooms.









What is 3LCD?

This quiet, power-efficient display technology uses three liquid-crystal displays to regulate lamp light passing through color openings. 3LCD's typical picture brightness makes it suitable for home theaters with windows.

Take Your Work & Media With You On A Laptop

A laptop computer is a pretty big purchase for most people, and there are many options to choose from. To help you find a model with the features and specs you need, here's a comparison of what the latest laptops have to offer.

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		Operating system	Processor	Hard drive size; RAM	Graphics card	Dimensions & Weight	Optical drives; Media card reader
	What It Means	The software (usually Windows or Mac OS X) that controls your computer	Chip that controls the computer (typically, a bigger number is better)	How much data the computer can hold; Memory that's read and written to	Controls the quality of your video and images	Height x width x depth; How much the laptop weighs; Screen size	Drives that can read and write discs; Slots that read media cards without a separate peripheral
	Acer Aspire S3-951-6828 SKU: 4171689	Windows 7 Home Premium	1.6GHz Intel 2nd Gen Core i5 with Turbo Boost up to 2.3GHz	240GB SSD; 4GB	Intel HD	0.7x12.7x8.6 inches; 2.93 pounds; 13.3 inches	N/A; Yes
	Lenovo IdeaPad V570-1066AWU SKU: 4676403	Windows 7 Home Premium	2.5GHz Intel 2nd Gen Core i5 with Turbo Boost up to 3.1GHz	500GB; 6GB	Intel HD	1.27x14.9x9.9 inches; 5.3 pounds; 15.6 inches	DVD±RW/CD-RW; Yes
	HP Pavilion dm4-2165dx SKU: 3441137	Windows 7 Home Premium	2.2GHz Intel 2nd Gen Core i3	640GB; 6GB	Intel HD	0.98x13.42x8.98 inches; 4.41 pounds; 14 inches	DVD±RW/CD-RW; Yes
	Samsung NP530U4B-A01US SKU: 4700116	Windows 7 Home Premium	1.6GHz Intel 2nd Gen Core i5 with Turbo Boost up to 2.3GHz	500GB; 4GB	Intel HD	0.8x13.1x9 inches; 5.1 pounds; 14 inches	DVD±RW/CD-RW; Yes
	Toshiba Portégé Ultrabook Z835-P330 SKU: 3868228	Windows 7 Home Premium	1.4GHz Intel Core i3	128GB SSD; 4GB	Intel HD	0.6x8.9x12.4 inches; 2.47 pounds; 13.3 inches	N/A; Yes
	Sony VAIO VPCSC31FM/S SKU: 3519978	Windows 7 Home Premium	2.4GHz Intel 2nd Gen Core i5 with Turbo Boost up to 3GHz	500GB hybrid drive; 6GB	AMD Radeon HD 6470M	1x13x8.8 inches; 3.8 pounds; 13.3 inches	DVD±RW/Blu-ray Disc BD-RE/CD-RW; Yes
	Asus Zenbook UX31-RSL8 SKU: 3757001	Windows 7 Home Premium	1.7GHz Intel 2nd Gen Core i5 with Turbo Boost up to 2.7GHz	128GB SSD; 4GB	UMA	0.7x12.6x8.8 inches; 2.9 pounds; 13.3 inches	N/A; Yes
	Dell XPS X14Z-2310SLV SKU: 4590261	Windows 7 Home Premium	2.5GHz Intel 2nd Gen Core i5 with Turbo Boost up to 3.1GHz	750GB; 8GB	Intel HD	0.9x13.2x9.2 inches; 4.4 pounds; 14 inches	DVD±RW/CD-RW; Yes

Always Keep Content On Hand With A Tablet Or eReader

By pairing your laptop with a tablet, you'll be able to simplify your computing tasks. eReaders, on the other hand, give you instant access to the latest books and more. To find a tablet or eReader that best fits your digital lifestyle, here's a comparison of the latest models.

COMPUTERS & TABLETS

Comparison of Tablets and eReaders								
		Platform	Internal storage	Connectivity	Battery life	Dimensions; Weight	Ports; Media card reader	
What It Means		The software that controls a tablet	How much data the tablet can hold	How the tablet can connect to the Web (Wi-Fi, 3G, or both)	How long the battery may last when the tablet is being used	Height x width x depth; Screen size; How much the tablet weighs	Sockets that give a tablet access to peripherals; Slots that can read media cards	
Tablets		Sony Tablet S SKUs: 3478046; 3478037	Android 3.x Honeycomb	16GB; 32GB	Wi-Fi	8 hours	9.5x6.8x0.3 inches; 9.4 inches; 21 ounces	1 headphone, 1 mini USB; 1 SD
		Asus Eee Pad Transformer Prime TF201 SKU: 4038674	Android 3.x Honeycomb (4.0 up-gradeable)	32GB	Wi-Fi	12 hours	10.4x7.1x0.3 inches; 10.1 inches; 20.7 ounces	1 headphone/mic, 1 HDMI, 1 USB; 1 SD/SDHC/SDXC/MMC
		Velocity Micro Cruz T410 SKU: 4272429	Android 2.3 Gingerbread	4GB	Wi-Fi	N/A	6.5x10x0.5 inches; 10 inches; 19.2 ounces	1 headphone, 1 USB; 1 microSD
		Toshiba Thrive SKUs: 2769355; 2769576; 2768901	Android 3.2 Honeycomb	8GB; 16GB; 32GB	Wi-Fi	11 hours	7x10.8x0.6 inches; 10.1 inches; starts at 25.6 ounces depending on model	1 mini USB, 1 USB, 1 HDMI, 1 headphone; 1 SD/SDHC/SDXC
		Samsung Galaxy Tab 10.1 SKUs: 2817743; 2817582; 2775455; 2775261	Android 3.1 Honeycomb	16GB; 32GB	Wi-Fi	9 hours	6.9x10.1x0.3 inches; 10.1 inches; 19.9 ounces	1 headphone, 1 USB; No
eReaders		Amazon Kindle Fire SKU: 2506173	N/A	8GB	Wi-Fi	8 hours	7.5x4.7x0.5 inches; 7 inches; 14.6 ounces	1 mini USB, 1 headphone; No
		Sony Reader Wi-Fi SKU: 3072143	N/A	2GB	Wi-Fi	1 month	6.8x4.4x0.4 inches; 6 inches; 5.9 ounces	1 USB; 1 microSD
		Barnes & Noble NOOK Color SKU: 1517163	N/A	8GB	Wi-Fi	8 hours	8.1x5x0.5 inches; 7 inches; 15.8 ounces	1 mini USB, 1 headphone; 1 microSD

Get More Out Of Your PC

Software Listings

Computers can be used to create greeting cards, keep track of your finances, and more. But most of these functions aren't available straight out of the box. To fully harness your computer's potential, you'll need to buy software. Here are some options.

COMPUTERS & TABLETS

Business & Home



Microsoft Office Home & Student 2010

SKU: 9894452

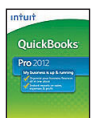
The Home and Student version of Microsoft Office 2010 has enhanced features for creating and managing documents. It includes Word, Excel, PowerPoint, and OneNote.



Individual Software ResumeMaker Professional 17 Deluxe

SKU: 3559426

It's easy to write a professional résumé quickly using ResumeMaker Professional. The software also includes advanced search tools.



Intuit QuickBooks Pro 2012

SKU: 3141088

Easily keep track of your company's finances with QuickBooks Pro 2012. You can view expense and income breakdowns, account balances, and more, so it's easy to know where your money is going.



Nuance Dragon NaturallySpeaking 11 Home

SKU: 1239999

Dictate emails, reports, and documents much faster than you can type by letting Dragon NaturallySpeaking do the typing for you. The software has an accuracy rate of up to 99%.

Creativity



Nova Development Family Tree Maker Deluxe

SKU: 3487393

Explore and preserve your family history with the software and a free three-month subscription to Ancestry.com.



Serif CraftArtist Platinum Edition

SKU: 2531179

Use your digital photos and CraftArtist Platinum Edition to create stunning projects that make perfect gifts for friends and family. Tools such as the photo editor, as well as digital scissors and brushes, let you personalize your projects.



HGTV Home & Landscape Platinum Suite Version 3

SKU: 1915073

Plan home improvements or build your dream home with HGTV Home & Landscape. Complete your 3D model in a matter of minutes and then enjoy a virtual walk around.



Nero 11 Multimedia Suite

SKU: 3893523

Nero 11 Multimedia Suite makes it easy to import video from nearly any source, add effects, and then burn the final result to BD, DVD, or CD.

Games



Batman: Arkham City

SKU: 2173083

Protect and serve Gotham as Batman by exploring the huge Arkham City prison. Using Batman's new gadgets, you can fight against the Caped Crusader's infamous enemies.



Star Wars: The Old Republic

SKU: 3031171

As a Jedi or Sith, you can follow the light or dark side of the Force and sojourn through galactic stories. Immerse yourself in lightsaber fights, ship steering, and multiplayer competition.



The Sims 3: Master Suite Stuff

SKU: 4602521

Now that your Sims have their own virtual lives, you can give them a luxurious home, complete with a spa bathtub, canopy-style bed, and classy furniture.

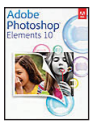


Nancy Drew: Alibi In Ashes

SKU: 2809265

Solve mysterious cases and uncover clues in River Heights Town Hall. You can play the roles of four different characters and use police forensics to catch criminals.

Media


Adobe Photoshop Elements 10

SKU: 3638178

Easily edit, share, and manage your photo collection, and get professional results using Adobe Photoshop Elements 10.


Corel PaintShop Pro X4 Ultimate Edition

SKU: 3496066

Corel PaintShop Photo Pro X4 lets you manage, edit, and share your digital photos. Make automatic fixes with the included advanced editing tools, including 75 new enhancements.


Roxio Creator 2012

SKU: 3303041

Use Roxio Creator 2012 to easily capture, enhance, and preserve your photos, videos, and audio projects. New features include portrait enhancing tools, Hollywood-style video effects, and video file conversion for mobile device viewing.


Pinnacle Studio HD Ultimate Collection 15

SKU: 2327105

Pinnacle Studio Ultimate HD Collection 15 comes with a full set of plug-ins and a chroma-key green screen for advanced effects, editing, and production.

Utilities


Kaspersky ONE Universal Security

SKU: 3630185

Kaspersky ONE Universal Security safeguards all your digital devices. It protects PCs, smartphones, Android tablets, & Macs from Internet threats.


Trend Micro Mobile Security Personal Edition For Android

SKU: 3140195

Trend Micro Mobile Security Personal Edition protects your Android tablet or smartphone from threats to your confidential data. It includes Lost Device Protection for locking and wiping.

See p. 62


iolo System Mechanic

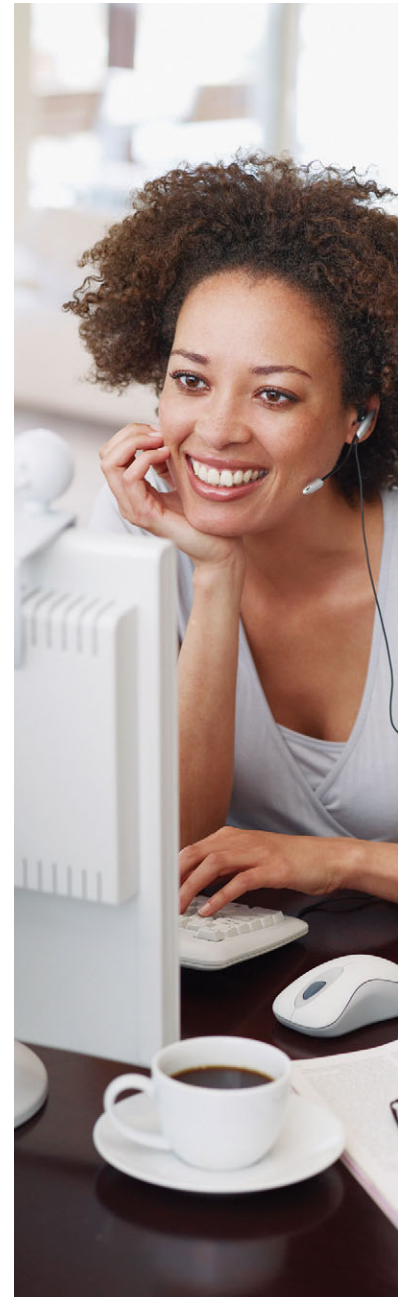
SKU: 8648591

With System Mechanic, you can find and fix errors and fragmentation on your PC, clean out clutter, and optimize your system for best performance.


123 Copy DVD

SKU: 3504876

This software rips your DVD collection and converts your video to file formats playable on the following devices and more: PC, Xbox 360, Playstation 3, PSP, iPod, iPad, Motorola Xoom.



Essential Accessories

Whether your desktop, laptop, or tablet is brand-new out of the box or has been a part of your life for a while, the right accessories can enhance your computing experience. To get the most out of your system, consider putting some of these products to use.

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Speakers

Laptops let you enjoy a variety of multimedia. To hear the nuances of the albums or movies you stream, you should invest in a powerful set of speakers. Some speakers can also pull double duty and be used with other portable devices, such as tablets and MP3 players.

Sony SRS-D25 2.1 Speaker System | SKU: 9733967



3G/4G Service

Rather than rely on the limited availability of Wi-Fi hotspots, you can sign up for 3G/4G mobile broadband service that keeps your laptop or tablet connected when you're on the go. Many devices are embedded with mobile broadband capabilities but 3G/4G USB modem add-ons are also available.

Samsung NP-QX411-W02UB with Intel WiMAX 4G | SKU: N/A



Mouse

To better fit your computing style, mice are available in ergonomic, wireless, programmable multi-button, and mobile designs. Some models even use special tracking technologies to let you mouse on surfaces that standard mice can't, such as glass, granite, and carpet. You'll also find many colorful designs to match your personality.

HP Wireless Optical Mouse | SKU: 9980298



Business Projector

When you need to deliver the best presentation, the last thing you want to worry about is connecting your PC to a projector. Fortunately, easy-to-use business projectors simplify start up with plug-and-play setup. Business projectors aren't just for the board room, however; they're also perfect for watching movies in your home theater.

Epson EX7210 Multimedia Projector | SKU: 3218035

Get the Most From Your Computer INVESTMENT

COMPUTERS & TABLETS



BUY BACK PROGRAM

While it may be brand-new now, before you know it, your computer can quickly become outdated by the latest technologies. To ensure you get your hands on the latest and greatest, you should purchase the Buy Back Program with your new computing device.

Pay the one-time program fee, and within two years you can bring back your desktop, laptop, tablet, or eReader to Best Buy in exchange for a gift card to use toward a new device.

Type Of Computer	One-Time Program Fee
------------------	----------------------

Desktop	\$49.99
Laptop	\$49.99
Tablet	\$49.99
eReader	\$49.99

Time Passed Since Your Purchase	Buy Back Amount Given
---------------------------------	-----------------------

Up to 6 months	50%
6 to 12 months	40%
12 to 18 months	30%
18 to 24 months	20%

Computer Setup & Services

Whether you want to learn how to perform specific tasks on your computer or need help configuring a wireless home network, you can reach the Geek Squad over the phone, by remote connection to your computer, or by a scheduled visit to your home. A Geek Squad agent can also help you:



- **Learn basic computer skills** in your home for an hour. They can teach you about email, photo sharing, and more.
- **Diagnose and troubleshoot** issues such as virus removal and password resets via telephone, online chat, or an in-home visit.
- **Back up your data** to another format, such as a DVD or external hard drive, or transfer your files to a new computer.
- **Set up your tablet** by configuring basic functions, adding user accounts, and applying a protective screen shield.
- **Create a wireless home network** and provide an overview on how to use it. You'll also get ongoing support for six months.



GEEK SQUAD[®] BLACK TIE PROTECTION

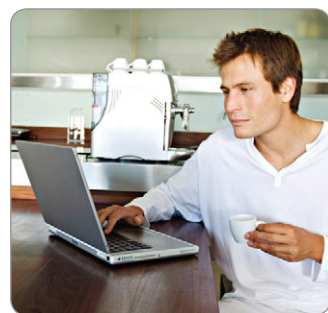
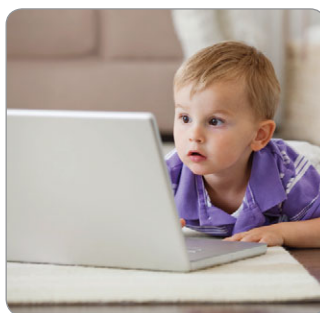
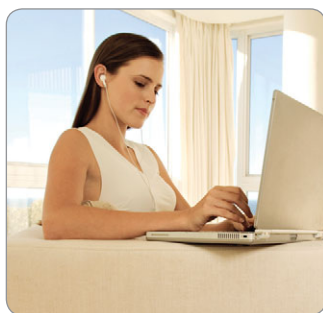
Black Tie Protection offers troubleshooting support and services for at least one year. Geek Squad agents will keep your computer or tablet operating at its peak and fix problems that occur due to normal wear and tear. With a special "lemon" policy if your system requires four qualified repairs, you'll get a comparable replacement. You'll also get the following:

- **24/7 support and troubleshooting** via phone and Web
- **Power surge repair** in the event your computer suffers damage from electrical fluctuations
- **Pixel repair** to make your display look as good as the day you bought it

Computing Glossary

Shopping for a computer can be intimidating, especially with all of the complex terminology. Here, we'll explain some common computer jargon.

COMPUTERS & TABLETS



Bluetooth—A short-range wireless standard that connects devices such as computers, printers, headsets, and digital cameras so they can be used together without being connected physically with a cord.

broadband—Network connections that transmit high-speed Internet access. Broadband speed varies depending on the provider. Cable companies offer speeds of around 8 to 11Mbps, whereas phone companies offer DSL, which supports speeds of 3 to 5Mbps.

Ethernet—A widely used LAN protocol in which computers and networks are physically linked with a cord.

firewall—Hardware or software that limits access by a network or another outside source to your computer; it also may limit your computer's access to the network. These security measures are designed to protect your computer from outsiders who'd like to exploit it in some way. By the same token, firewalls may prevent infected files on your computer from accessing the larger network and spreading the problem to other users.

HDMI (high-definition multimedia interface)—An output that some computers

offer to transmit uncompressed (and ultimately high-quality) audio and video to a compatible HD display, such as an HDTV.

all-in-one computer—A PC that encompasses every component in a single, towerless unit that looks like a monitor. Typically all-in-ones are thin, making them ideal for small spaces and wall mounting. They also use less energy than most desktop/monitor pairings. Many have built-in Wi-Fi capabilities, so you won't need to connect the system to an Ethernet cable for Internet access. Models with touchscreen control are also available.

mobile broadband—A communication technology, which is also called LTE, WiMAX, 3G, and 4G, that uses cell phone towers to connect devices to the Internet. Generally, you need a service contract, and it's only available in select areas.

operating system—The software, such as Windows Vista, Windows 7, or Mac OS X, that controls a computer and its peripherals and serves as the primary interface for users.

processor—Also known as a microprocessor or CPU, this integrated circuit controls the computer. Some CPUs feature two or four processors (called

dual- and quad-core processors) or more on a single die, speeding up the computer and its ability to multitask.

RAM (random-access memory)—A type of memory that's read from and written to by the CPU and hardware.

streaming—The act of transferring content from one device to another without copying it. For example, you can stream photos from a computer in the basement to a compatible HDTV in the living room.

tablet—Larger than a smartphone but smaller than a laptop, tablets are computing devices that use downloadable apps. Many have touchscreens that can be manipulated via touch or with a stylus.

3D-ready—This means a piece of hardware can play 3D content, but to do so it may require additional components such as 3D eyewear. In order to watch 3D content on a computer, certain hardware must be 3D-ready, such as a monitor and graphics card.

WLAN (wireless local-area network)—A setup that includes a wireless router and a number of Wi-Fi-enabled devices, such as notebooks and BD players, that communicate wirelessly to share files, media, etc.

Trend Micro Safeguards Your Mobile Device

AV For Android

Smartphones and tablets are the new frontier of cybercrime. Many people use these devices without knowing they're at risk as much as their laptop and desktop computers. As such, Trend Micro (www.trendmicro.com) provides essential security for Android devices.



Trend Micro Mobile Security Personal Edition For Android | SKU: 3140195

SNAPSHOT OF ANDROID THREATS

FAST FACTS

- 51.9M*** Number of Android-based devices
- 1410%** Growth of number of Android malware samples discovered from January to July 2011
- 3.5** Number of new threats created per second
- 33%**** Share of Android users who do not use the safe mode device

TYPES OF ANDROID MALWARE

Bank Stealer	Premium Service Abuser	Click Fraudster	Malicious Download	Spying Tools	Locker
Steals sensitive information from the user's device and sends it to cybercriminals	Disguises itself as premium services to promote piracy and steal the user's subscription or payment	Presses on ads and steals on ads	Disguises itself as legitimate apps and steals on ads	Tracks user's activities and sends it to cybercriminals	Locks user's phone and data storage

ANDROID MALWARE GROWTH



BASIC SECURITY TIPS

- Use a password or other phone-locking options
- Only download apps from trusted sources
- Double-check the permissions newly installed apps are seeking
- Disable the Wi-Fi autoconnect option
- Invest in a reliable security app

Most shared permissions:

- Location
- Camera
- Microphone
- Phone state
- Contacts
- Calendar
- Storage
- Phone number
- Device ID
- Wi-Fi
- Bluetooth
- Network state
- Internet
- System settings
- Device admin
- Read logs
- Read phone state
- Read sync settings
- Read system settings
- Read system logs
- Read system settings
- Read system logs
- Read system settings
- Read system logs

TREND MICRO **Trend Labs**

Your Life On Your Device

Your mobile device is no longer just a phone. Smartphones and tablets contain some of your most precious memories, some of your most personal details, and access to your financial transactions. In some cases, your mobile device can even control access to your home, vehicles and other secure places.

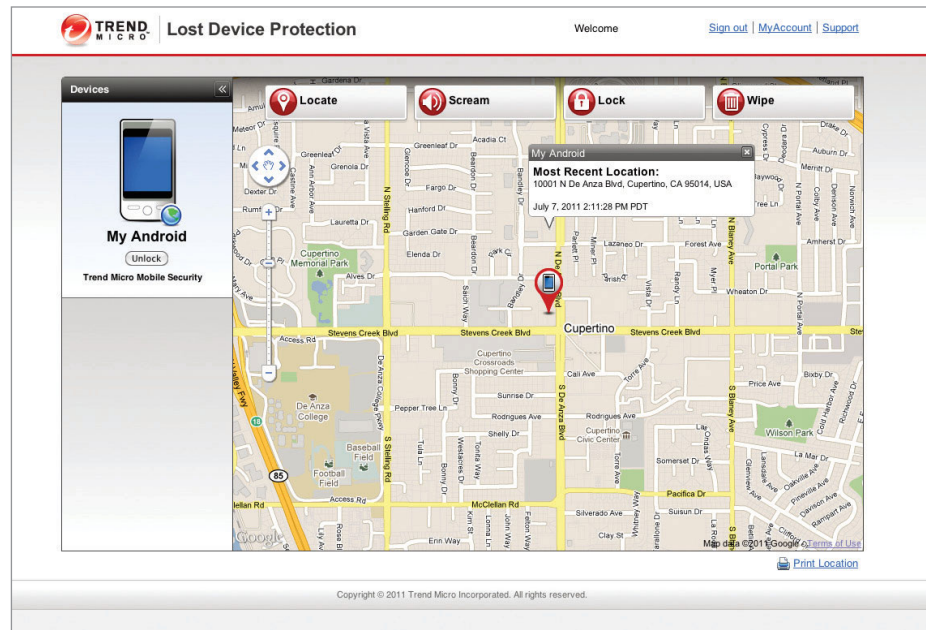
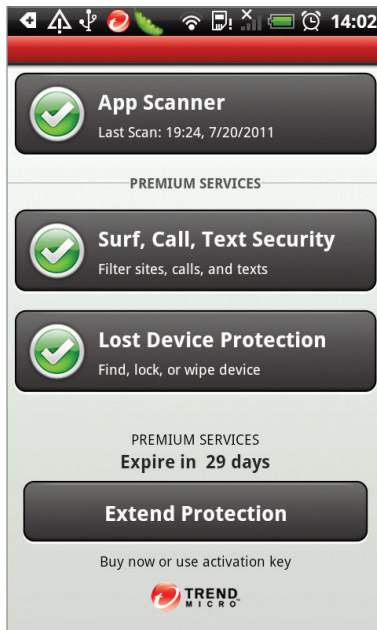
Likewise, your child may use a smartphone in order to stay connected to you. While this can be convenient, the device can also give her access to the Internet and Web sites you'd rather she didn't visit. Additionally, people she doesn't know can send her unwanted messages and attachments.

Protect Yourself

Owners need to be smart, just like their devices. This means using common sense when you're downloading apps or using unfamiliar Wi-Fi hotspots, and taking precautions in case you lose your device. The risks for smartphones and tablets include:

- Malicious apps that can track you and secretly sign you up for expensive services
- Text spam and phishing sites that aim to steal personal information such as banking usernames and passwords
- Web sites that are inappropriate for children
- Loss of personal photos, contacts, passwords, documents, etc. if your device is lost or stolen

PORTABLE DEVICES



Trend Micro Mobile Security Personal Edition lets you securely access the Web, install safe apps, locate your lost device, and block unwanted calls and texts. Trend Micro has been a trusted security leader for 20+ years, and stops five billion threats daily for more than 100 million customers worldwide. Its Android security software includes four key components:

App Scanning

Trend Micro blocks infected apps from installing on your phone or tablet and stealing your personal information. It scans your device automatically, but you can also run a manual scan whenever you like. And to guard against the latest threats, Trend Micro automatically keeps itself updated.

Call/Text Filters

The powerful filters available in Trend Micro Mobile Security stop calls and text messages you don't want to receive. You can customize the filters to always block (blacklist) or always approve (whitelist) certain call and text sources. It can also filter message content based on keywords.

Web Filtering

Before you inadvertently visit them, Trend Micro can block Web sites that are known to be dangerous. What's more, it comes with parental control settings, too. These empower you to enact browsing policies that can keep children from viewing content that may be inappropriate for them.

Loss Protection

From a personal online portal, you can:

- Locate a lost device
- Trigger an alarm
- Remotely lock your Android phone or tablet
- Wipe your device clean to protect your personal information

Better Quality At The Right Price



Rocketfish Atmos

If you seek superior audio quality at a price that won't break the bank, look no further than the Rocketfish Atmos Noise-Canceling Headphones (www.bestbuy.com). In particular, they're an ideal companion for frequent travelers, creating tranquility wherever they go.

PORTABLE DEVICES



Rocketfish Atmos RF-NCHP01
Noise-Canceling Headphones
SKU: 2760502

myZone Is Your Zone

Using Wolfson myZone technology, the Atmos Headphones remove more background noise (99%) across a wider frequency range than the competition. It cocoons you in an immersive, rich audio experience whether you're traveling by noisy plane, train, or automobile, or simply sitting in your office or home. And during quiet passages in your music or pauses in your audiobooks, Wolfson myZone won't generate a hissing sound as can some other noise-canceling technologies.

Atmospheric Sound

Even without the advanced noise cancellation feature enabled, the Atmos Headphones envelop you in high-quality audio without breaking the bank. Their over-the-ear design naturally isolates you from outside sounds. This lets you enjoy the full range of audio the 40mm neodymium drivers can produce. Rocketfish employs high sensitivity (100dB/mW) transducers to transparently bring out the nuances in your music tracks and the inflections in your podcasts.

Life With The Atmos

The Atmos Headphones are built for your comfort with plush, leatherette ear pads and an adjustable headband. Thus outfitted, they're ready to accommodate you during long listening sessions. Speaking of which, they come with an adapter so you can plug them into airline audio sources. The headphones also come with a carrying case and a USB charging cable, so you can top up the rechargeable battery that powers the noise cancellation feature.

Stay The Course & Reach Your Goals

Gadgets That Inspire

If you seek health and fitness success, consider one of the devices below. They all offer personal Web accounts where you can view your history and progress, giving you an extra kick to meet your goals. Some even work with iOS or Android devices for added convenience.

PORTABLE DEVICES



Zeo Mobile Sleep Manager
SKU: 2869936

See
p. 67

Motorola GPS Fitness Tracker & Smart MP3 Player
SKU: 3754696

See
p. 67

iHealth Digital Scale with Bluetooth technology
SKU: 3224081

See
p. 66

Withings Blood Pressure Monitor
SKU: 2954457

See
p. 67

Sleep Better Than Before

We all need adequate sleep to feel our best. However, the quality of your sleep is just as important as the amount. To take steps to improve your slumber, you can wear a sleep device to monitor how long you spend in different sleep cycles and how often you wake and can view your data in graphical form.

Track Your Fitness

To get an accurate picture of your activity level, wearing a light and discrete fitness tracking device will do the trick. Basic models offer LED messages or icons to motivate you, whereas advanced trackers have touchscreens to deliver precise data such as your time, distance, speed, calories burned, and position.

Manage Your Weight

You no longer need a pen and paper to keep a detailed record of your weight progress and goals. Digital scales with wireless capabilities can record your weight and display your history on an Apple iPhone, touch, or iPad. Some scales can also upload your data online so you can access it from any Web device.

Watch Your Blood Pressure

Rather than wait for your next doctor's visit to get a blood pressure reading, you can get precise readings at home with a blood pressure dock. To get detailed information that's automatically tracked, simply connect an iOS device to the dock, wrap the dock's pressure cuff around your arm, and press start on your device.

Strive For A Better You With

Tech Built For Your MIND & BODY

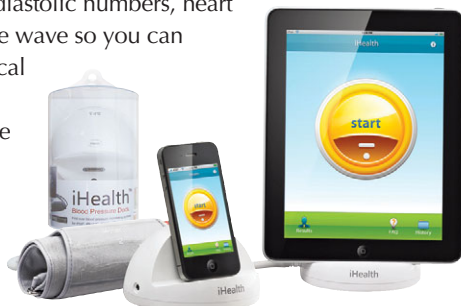
Looking for more motivation to improve your physical well-being? Be encouraged: There are many portable devices to help you stay committed, track your activities, manage your health, and more.



iHealth Blood Pressure Dock

SKU: 2577977
www.ihealth99.com

When you pair your iOS device with the iHealth Blood Pressure Dock and its free app, you can test your blood pressure and track, graph, and share your results with others. You can generate easy-to-read graphics from data such as your systolic/diastolic numbers, heart rate, and pulse wave so you can keep a historical record. The Blood Pressure Dock also doubles as a charging station for your device.



iHealth™

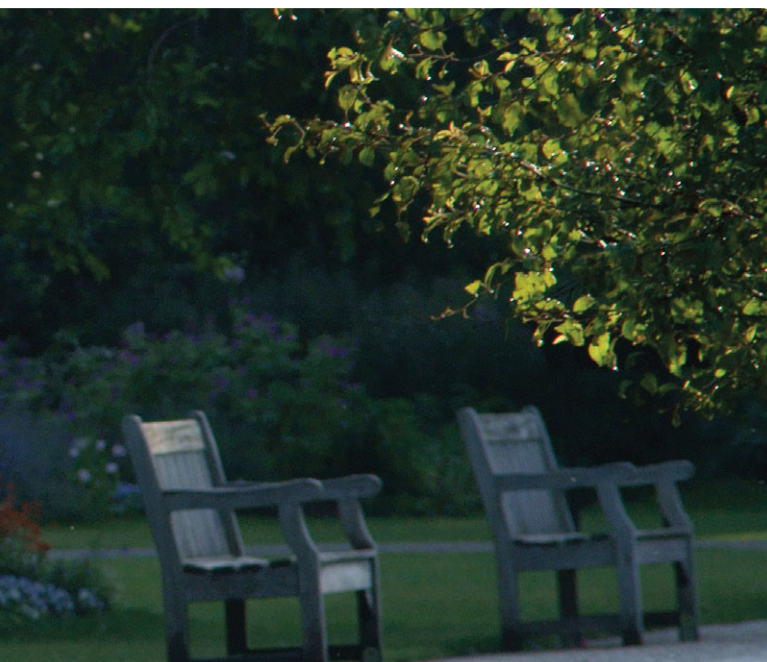
iHealth Digital Scale with Bluetooth technology

SKU: 3224081
www.ihealth99.com

Working with a free app, the iHealth Digital Scale will read and record your weight on your iPod touch, iPhone, or iPad using a wireless Bluetooth connection. Track your progress and organize records using graph tools or set weight goals with a Milestone feature. The scale can also work with multiple mobile devices, so family members can share it.



iHealth™



MOTOACTV GPS Fitness Tracker & Smart MP3 Player

SKU: 3754696
motoactv.com



MOTOROLA

MOTOACTV is the world's first GPS Fitness Tracker and Smart MP3 Player, all in one. It tracks your running, walking, and biking data—indoors and out—so you can monitor your time, distance, speed, elevation, calories burned, and more. The smart MP3 player can store hours of your music and “learns” what songs motivate you the most to optimize your workout.



Zeo Mobile Sleep Manager

SKU: 2869936
www.myzeo.com



This comprehensive system can help you track the quality of your sleep by measuring your restorative REM and Deep sleep. The Zeo Mobile Sleep Manager features an adjustable SoftWave sensor headband and works with your Bluetooth-enabled smartphone. To enhance your wellness, you can take control and manage your sleep using Zeo's free coaching program and online tools.



Withings Blood Pressure Monitor

SKU: 2954457
www.withings.com

Withings

The Withings Blood Pressure Monitor is a smart way to take care of yourself. Very easy to use, you just need to connect it to your Apple iPhone, iPad or iPod touch and it will take an accurate reading of your blood pressure. It records all the data in a free application where you can display it as graphs for easy tracking or share it with your physician via e-mail.



Cable-Free Mobile Audio

Bluetooth Headsets

If your smartphone or other mobile device supports Bluetooth, you can pair it with Bluetooth-capable headphones for personal audio on the go. You'll be able to enjoy tangle-free music, phone calls, podcasts, Internet radio, GPS directions, and more.

PORTABLE DEVICES



Rocketfish RF-MAB2 Bluetooth Headphones
SKU: 9246862

Compatibility

There are a lot of Bluetooth headset options on the market, so your first step is to find a model that works with your smartphone, MP3 player, or other portable device. Look for a model that supports your device's Bluetooth version or higher, such as Bluetooth v3.0, and special profiles such as AVRCP (Audio/Video Remote Control Profile).

Basic Specs

If you only plan to use your headset to make phone calls, a mono (single-ear) model should be fine. For music playback, opt for a stereo headset. You'll need a built-in microphone for voice calling, of course. Another factor is how long the headsets' battery will last during use (talk time) and in standby mode.

Notable Features

Some headsets include special features such as a setup mode to make the initial pairing with your device easy. Many will let your phone automatically send calls to your headset. Mobile apps are supported by select headphones, which gives you capabilities such as voice control over your social networking updates.

Clarity & Comfort

Audio quality is important: You'll want to hear and be heard clearly during phone calls, and you'll want your music to sound great. Noise cancellation and sound isolation features can help. As for comfort, most earbud-style headphones come with soft tips of different sizes, so you can use the ones that fit the best.

Headphones With An In-Line Microphone

Mobile devices are becoming hard to categorize. Many cell phones double as MP3 players, for example. Headphones with a microphone in their cable let you enjoy your music in its native stereo, but also take or make a phone call when you need to.

PORTABLE DEVICES



Sony DREX14VP
Hands-Free Headset
SKU: 4303757

Rocketfish Mobile Fire Earbud Headphones
SKU: 3035104

Listen & Talk

In most cases, the microphone for this type of headset is located in an in-line module called the remote. There may be controls on the remote that let you select and play audio files on your device, answer an incoming phone call, make an outgoing call, mute the microphone so you can consult someone next to you in private, and so on. The remote may require one or more batteries to power the microphone and/or a noise-canceling feature.

An in-line microphone can also give you the flexibility to use other features of your mobile device, such as to record a memo or use a speech control technology.

Shopping Tips

In-line mic headphones come in a broad range of styles with a long list of potential accessories. The first thing to look for is compatibility with your particular phone or mobile device. Next, according to your personal preference, narrow your choices down to earbuds or an over-the-ear style. If you plan to use your new headphones in a noisy environment, consider a set with noise-canceling technology for the microphone, the earphones, or both. Look at the extras that come with certain headsets, such as replacement buds of various sizes, audio jack adapters, a case, and/or a cleaning cloth. Lastly, remember that sound quality matters. You probably won't regret spending a bit more for better-sounding headphones.

Hear Your Tunes On The Go With An MP3 Player

iPods are cool, sure, but you have other choices when it comes to listening to your tunes. This chart compares the most important—and coolest—features from select MP3 players.

PORTABLE DEVICES









What It Means		Operating system; Wi-Fi connectivity	Capacity	Video capabilities	FM tuner	Colors	Battery life
		The device's software platform; ability to connect to the Internet	How much memory the player has*	Some MP3 players can play video	Some MP3 players let you listen to radio stations	Several players offer a variety of color choices	How long the battery will last when playing music
	Apple iPod touch SKUs: 3109302; 3109339; 3109357	iOS 5; Yes	8GB; 32GB; 64GB	Yes	No	Black, white	40 hours
	Apple iPod nano SKUs: 1161898; 1161725; 1161798; 1161816; 1161843	N/A; No	8GB; 16GB	No	Yes	Green, graphite, silver, pink, green, orange	24 hours
	Mach Speed Eclipse CLD4SL SKU: 3615043	N/A; No	4GB	No	No	Silver	8 hours
	Philips Android Connect SKUs: 3505092; 3505126	Android 2.3 Gingerbread; Yes	8GB; 16GB	Yes	Yes	Black	25 hours
	Samsung Galaxy Player 5.0 SKU: 3521682	Android 2.3 Gingerbread; Yes	8GB	Yes	Yes	Black	60 hours
	SanDisk Clip Zip SKUs: 3094053; 3099191	N/A; No	4GB; 8GB	No	Yes	Black, purple, red, gray, white, orange, blue	15 hours
	Sony Walkman Video MP3 SKUs: 3076051; 3076103; 3076088	N/A; No	4GB; 8GB; 16GB	Yes	Yes	Pink, red, green, blue, black, white	50 hours
	Sony Walkman NWZ-W262MEB SKU: 3076121	N/A; No	2GB	No	No	Orange/black	8 hours

*One gigabyte of memory will hold approximately 250 songs. Actual capacity will vary depending on song length and format.

Track Your Life With A Health Device

With a health and fitness device, you can track how many steps you take, calories you burn, and more. By keeping tabs on your fitness activities, you can continue to progress and conquer new goals.

PORTABLE DEVICES

What It Means		Design type; Water resistance	Tracked activities	GPS functionality	Heart rate monitor type	Storage capacity; PC connectivity	Battery type; Battery life
		How the device is worn; How far underwater the device can go	The different types of fitness data that can be collected by the device	Ability to measure your traveled distance and overall pace using GPS	Heart rate can be measured continuously with a chest strap or instantly with a wrist model	The data a device can save; Upload data to your PC to share and analyze	How many hours the device will operate on a single battery charge
	BodyMedia FIT CORE SKU: 3440553	Armband; Water resistant	Steps, calories, body temp, sweat, and sleep	No	N/A	14-day history (typical); Yes, via USB cable	Lithium polymer; 5 to 7 days (typical)
	Fitbit Ultra SKU: 3440474	Clip, wristband, holster; N/A	Steps, calories, distance, and sleep	No	N/A	7-day detailed history, 30-day summary; Connect to USB base station or wirelessly connect within 15 feet of base station	Li-Ion; 5 to 7 days (typical)
	Garmin Forerunner 310XT SKU: 9878943	Wristwatch; Water resistant up to 50m	Distance, pace, and heart rate	Yes	Optional	1,000 laps; Yes, via ANT+ wireless	Li-Ion; 20 hours
	iHealth Blood Pressure Dock SKU: 2577977	Arm cuff; N/A	Blood pressure, heart rate	No	Arm cuff	Years of data can be saved to a free app; Docks with iOS device	Li-Ion; N/A
	iHealth Digital Scale SKU: 3224081	Scale; N/A	Weight	No	N/A	Data can be saved to a free app; Bluetooth to iOS device	Four AAA batteries; N/A
	MOTOACTV Fitness Tracker SKUs: 3754696, 4018033	Wristwatch, belt clip; Water resistant	Distance, calories, steps, speed, pace, heart rate, and elevation	Yes	N/A	8GB or 16GB; Yes, via ANT+, Wi-Fi, and Bluetooth	Li-Ion; 20 hours playback and 325 hours standby
	Withings Blood Pressure Monitor SKU: 2954457	Arm cuff; N/A	Blood pressure, heart rate	No	Arm cuff	Data can be saved to a free app and Web account; Docks with iOS device	N/A
	Zeo Mobile Sleep Manager SKU: 2869936	Headband; N/A	Sleep, REM, Deep sleep	No	N/A	Data can be saved to a free app and Web account; Connects to iOS and Android devices via Bluetooth	Lithium-polymer; 16 hours

Essential Accessories

No matter where you're going, a portable device can add enjoyment to your journey. To ensure you're taking full advantage of the capabilities your portable devices offer, check your local CE retailer for accessories that can enhance your mobile experiences.

PORTABLE DEVICES



Battery Chargers

Whether it's your phone, GPS, or MP3 player, you'll want to make sure your travel companion always has a full battery. Some chargers can plug into your computer or your car's DC outlet, but if these aren't an option, there are also chargers that use solar power or wall outlets.

Rocketfish USB Home and Car Charger For Select MP3 Players | SKU: 9457651



Mobile Security

As smartphones and other mobile devices have become more popular, they have also become targets of online threats. With mobile security software, you can protect your files and sensitive data. It can identify and stop cybercriminals and online threats before they attack.

Trend Micro Mobile Security Personal Edition For Android | SKU: 3140195

Mobile Phone Car Cradle

When you're on the road, digging around to find your phone is one of the last things you should do. With a mobile phone car cradle, your device will always remain within reach and sight. This also lets you make and receive hands-free phone calls so you can keep your hands on your steering wheel and eyes on the road.

Samsung Car Cradle For Samsung Epic 4G Phones | SKU: 1330272



Docks & Speakers

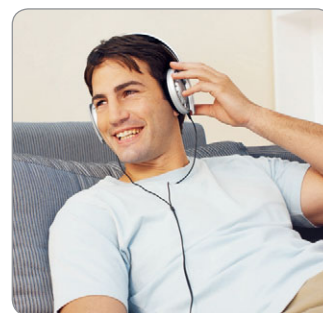
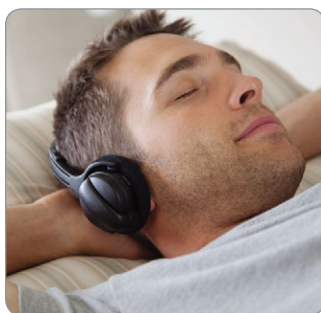
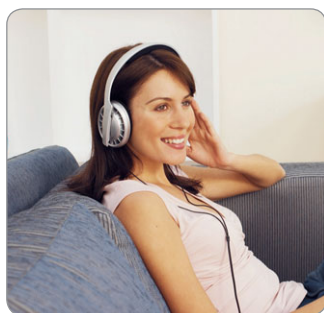
A portable speaker dock lets you share the music and other audio on your MP3 player with friends and family at a party or get-together. Some docks include a built-in radio or CD player, while others can charge your MP3 player as you listen to your favorite tunes.

Sony Micro Hi-Fi Shelf System | SKU: 9209411

MP3 Player Glossary

Who doesn't want an MP3 player? It can help you relax, motivate you, and ensure that you always have a song to match your mood. When you head to your local CE retailer to snag one, make sure you have this glossary so you can choose the perfect model.

PORTABLE DEVICES



AAC—Short for Advanced Audio Codec, this format is a competitor of the more common MP3 file format. It is the default format used by Apple.

Bluetooth—A wireless technology, supported by some MP3 players, that connects devices with short-range radio frequencies.

capacity—How much data a player can hold. This is typically expressed in gigabytes or megabytes. Generally speaking, 1GB will hold about 250 songs.

download—In terms of digital music, downloading is when you retrieve a song from an Internet site or another network connection and save it to your computer or portable music player. You can download songs from music Web sites such as iTunes, Amazon, or Rhapsody.

DRM (digital rights management)—DRM is a security mechanism for digital media, associated with copyright. A common DRM scheme for digital music involves getting a licensed file to authorize playback of a free or purchased song.

earbuds—Small, circular devices you put into your ears so you can listen to music on your player. These serve the same func-

tion as headphones. Many music players include their own earbuds, but you can purchase a separate pair that is more comfortable or of better quality.

flash memory—Solid-state memory with no moving parts that is lightweight and small. In terms of digital music players, a flash-based player is lighter and smaller than a hard drive-based player, and also, it won't skip. Thus, flash-based players are popular for use during exercise. However, the capacity of a flash-based player isn't as large as a hard drive-based player.

FM tuner—If your music player has a built-in FM tuner, you will be able to listen to music that is broadcast from local radio stations.

hard drive—Storage that consists of rigid platters inside a fixed casing. In terms of digital music players, a hard drive-based player is larger and heavier than a flash-based player. Because of the moving parts (the platters), hard drive-based players are also prone to skipping. However, their capacities are much larger than those of flash-based players.

music management program—A program, such as iTunes or Windows Media Player, that loads onto your

computer and lets you play, organize, download, and purchase media, such as music and videos, for your player or PC.

MP3—Perhaps the most popular digital audio encoding format. It compresses audio to about one-twelfth the original size while still providing excellent sound. In general, a 1MB MP3 file will last about one minute.

playlist—A queue of songs a user creates to play on a computer, burn to a CD, or transfer to an MP3 player. The playlist will only include directions to the location of the songs, not the actual songs themselves.

podcast—A downloadable episode that is similar to a radio program. A user can subscribe to a podcast for updated episodes, or she can download podcasts one at a time.

screen—The display on the front of a portable music player. A player's screen can either display in color or black and white.

WMA—Windows Media Audio is a digital audio format created by Microsoft.

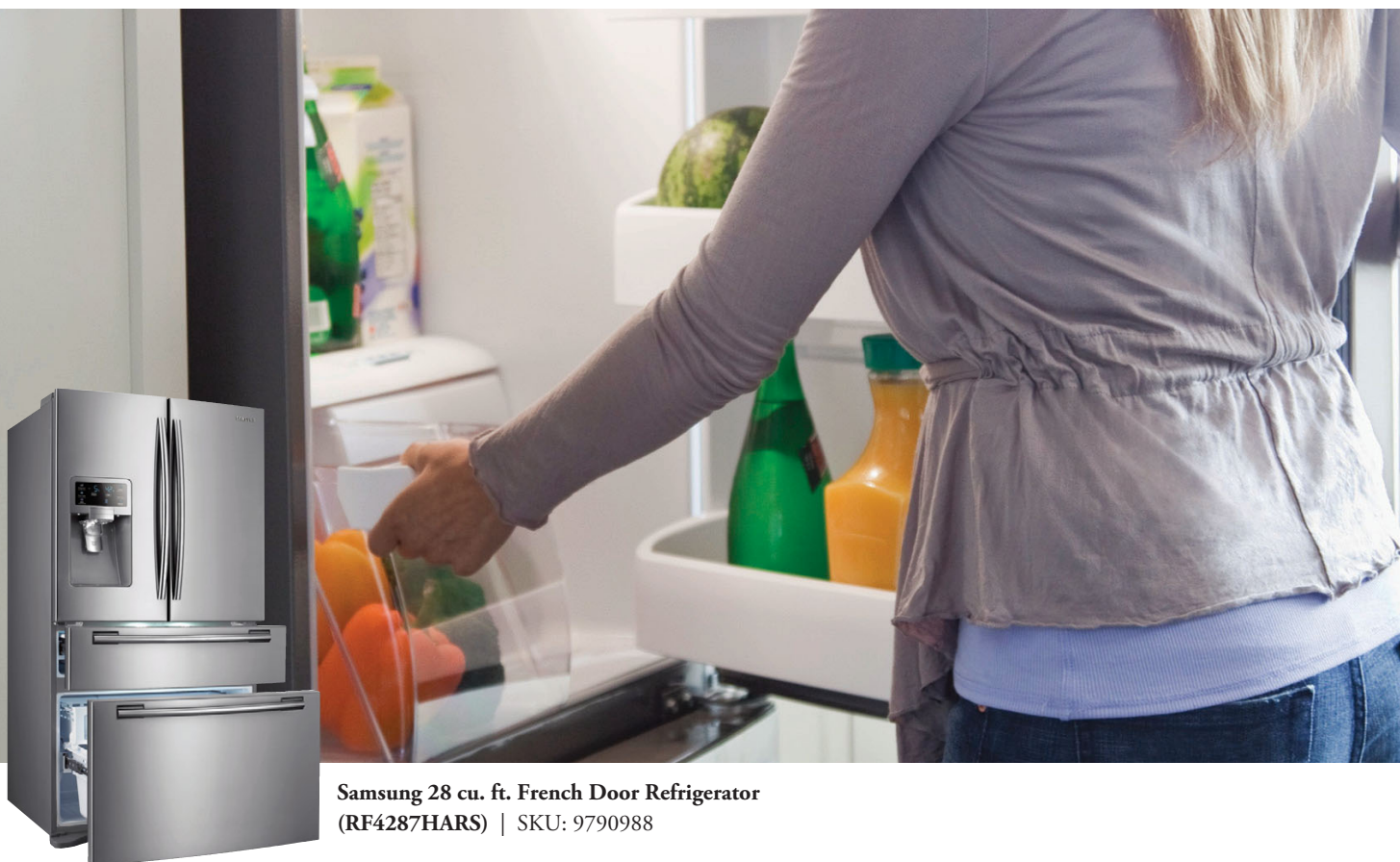
widescreen—A screen that has a 16:9 aspect ratio.

Define Your Own Convenience

Refrigerator Features

With a variety of features available to save time, keep everyone fed, organize items, and cut down on energy costs, today's refrigerators have come a long way since our parents' day. Here's what you should keep in mind as you shop for a new fridge.

APPLIANCES



Samsung 28 cu. ft. French Door Refrigerator
(RF4287HARS) | SKU: 9790988

Fridge Types

Top-freezer models are broken horizontally with the freezer located above the fridge. (Bottom-freezer models have the opposite configuration.) Side-by-sides are vertically split with the freezer on the left side and fridge on the right. French-door models have a top fridge compartment split vertically and a freezer located below.

Capacity

To avoid wasted storage space and energy, you need a fridge that meets your capacity needs. Households with one to three people should look for a fridge with no more than 11 cubic feet. A family of four should opt for a model with at least 14 cubic feet. If you have more than four people in your home, consider a fridge with 18 cubic feet or more.

Efficiency

Regardless of the refrigerator type you choose, you can save money with an Energy Star-qualified model. Such models only use 435kWh and cost \$48 to annually operate. Models often feature LED lighting, self-adjusting thermostats, self-closing freezer doors, or alarms that go off when a fridge door is left open.

Other Features

Depending on your daily use, there are other features you can benefit from. For example, specialized organization can accommodate items such as gallon containers, pizza boxes, and eggs. Digital thermostats help you maintain more accurate cooling levels. In-door ice and water systems give you convenient access and more freezer space.

Make Food & Beverages Simple

Kitchen Accessories

Small appliances can serve as convenient kitchen helpers, whether you need to quickly brew a cup of coffee, blend a smoothie, or steam vegetables. Consider how the following accessories can transform your kitchen tasks into fun activities.

APPLIANCES



Food Thermometer

To make the most of your meal-time prep, let a wireless thermometer with a tablet and smartphone app keep an eye on your food until it's ready. Simply insert the thermometer into your food so you can focus on other tasks. Once your food is done, you'll be alerted by an app on your mobile device.

Perfect For: Grill masters and amateur chefs that want to multitask in the kitchen

Beverage System

A multi-beverage dispenser is a do-it-all small appliance. It not only brews your favorite drinks, such as coffee, espresso, hot chocolate, and tea, but it also selects the right temperatures, brewing times, and amount of water for your beverages. Set it to automatic, and it will create your favorite drink in less than a couple minutes.

Perfect For: Anyone who wants hot, brewed beverages without the wait

Wine Cellar

A quality wine shouldn't be left on your kitchen counter at room temp. It needs the temperature-controlled environment of a wine cellar. The latest compact cellars include digital controls that will adjust its interior temperature based on which wines you choose to store. An interior light also helps you see your varietals without opening the door.

Perfect For: The wine connoisseur with a small but high-quality collection

Slow Cooker

The set-it-and-forget-it slow cooker is a kitchen staple that always comes in handy. Designed to hold quarts of food, you can put a roast and veggies inside, set the temp, and return hours later to enjoy a delicious meal. Common features include auto shutoff, a warming function, a countdown timer, and ergonomic handles.

Perfect For: Someone who doesn't want to spend much time in the kitchen

Essential Things To Know

Ovens & Ranges

All you might expect from a new oven is for the temperature inside to match the setting on the dial. But with today's selection, you can choose a model that can cook your food better and faster and even save you money on your gas or electric bill.

APPLIANCES



Samsung 5.8 cu. ft. Freestanding Gas Range with Fan Convection (FX510BGS/XAA)
SKU: 2988035



What are the unique features of gas and electric ranges?

Gas ranges can help you save on energy bills and don't need much time to heat up. Electric ranges cook without an open flame and often cook food more evenly.

What is the difference between a range and a built-in oven or built-in cooktop?

Ranges include both a cooktop and oven in one standalone unit, while built-in ovens and cooktops are installed into walls or counter tops and are separate from each other.

What are the benefits of a dual-fuel oven?

Dual-fuel ovens have gas burners and electric ovens. This lets you easily control the temperature of the burners while still maintaining the electric oven's even heating capabilities.

Do I have a choice when it comes to oven capacity?

Yes. Ovens come in different capacities to meet your needs. Whether you want a 2 cu. foot capacity or more than 4 cu. foot, there is a wide range of options for any family or individual.

What are the benefits of a double oven?

Some double wall ovens can bake multiple dishes at different temperatures at the same time. There are also models that have smaller ovens in addition to larger ones that can use less electricity to bake smaller dishes.

How are ranges with coils and those with a smooth surface different?

Coil cooktops are used with electric heating, and the metal coil itself is the heating element. Smooth surface cooktops hide the heating element underneath the surface and are used in electric or induction heating.

Experience Sweet Slumber

Monitor Your Sleep

It's an activity we all do, and we generally want more of it. Sleep has a large impact on our quality of life, yet most of us don't know the details behind it. For that reason, new devices are being introduced to help you monitor your slumber and take steps to make it better.

GAMING, MEDIA & MORE



Zeo Mobile Sleep Manager | SKU: 2869936

The Missing Link

To feel your best, you need a good night's sleep. Sleep tracking devices record how long you spend in different sleep cycles and the quality of your nightly rest. With this data in hand, you can often use online analytical tools and expert guidance to learn how you can improve your sleep and make the most of its restorative powers.

How It Works

Similar to what professionals use in sleep studies, a sleep tracking device uses sensors placed on your body to measure a number of variables as you sleep, such as eye movement, breathing, and heart rate. Many are built with comfort in mind, such as the Zeo Mobile Sleep Manager on page 67, which uses a SoftWave sensor headband.

Data Analysis

Many models will automatically send your sleep data to a smartphone or tablet so you can review it later. For instance, the Zeo Mobile Sleep Manager offers a free app for iOS and Android devices that provides online tools, charts, and historical trends that can be used to help identify things affecting your Deep, REM, and total sleep time.

Other Features

While it's beneficial to make your sleep more efficient, it's also important to wake up properly. Models such as the Zeo Mobile Sleep Manager have an alarm clock that won't interfere with the important cycles of your slumber. Instead, the alarm only goes off when you hit an optimal sleep point so you can start your day feeling refreshed.

Multimedia In Your Hands

Portable Consoles

Gamers who used to only be able to play on standalone consoles can now take a portable game system with them wherever they go. Not only that, but many of these systems can do more than play games. Here's a look at the features and benefits of portable game consoles.

GAMING, MEDIA & MORE



Sony PlayStation Vita
with 3G/Wi-Fi | SKU: 2095647

Portability

Portable game consoles can be taken anywhere, such as on vacation or to a friend's house. These systems often have exclusive games and offer multiplayer functionality by connecting more than one device together. Portable game consoles use batteries that can be recharged with an AC adapter and have built-in speakers and headphone jacks.

Connectivity

If you have a standalone game console, some portable systems can be remotely connected so you can access saved content, such as videos, photos, music, and games. Additionally, a portable game console with Bluetooth compatibility can be paired with a Bluetooth headset. Many models also include video outputs.

Web Access

Surfing the Web is possible with models that have built-in Wi-Fi. You might have to download an Internet application to your portable game console in order to enable Web access. Browsers are specifically built for portable console use, so Web navigation is made simple. You can also make Web phone calls with some models.

Content Options

While they are great for gaming, these systems provide much more in the way of mobile entertainment. Portable game consoles can play content stored on memory cards and discs, such as movies and music. You can purchase additional media from online networks so you can enjoy the latest movies, TV shows, and games.

This Month's Blu-ray Disc RELEASES

GAMING, MEDIA & MORE

	Release Date	SKU	Rating
February			
All Things Fall Apart	2/14	4712111	R
Anatomy of a Murder (Criterion Collection)	2/21	4790384	Not Rated
Anonymous	2/7	4712087	PG-13
A Very Harold & Kumar 3D Christmas	2/7	4709596	R
Beneath the Darkness	2/28	4712175	R
Boeing, Boeing	2/14	19781804	Not Rated
CSI: Grave Danger	2/7	19805671	Not Rated
Dr. Seuss' The Lorax	2/14	4724956	Not Rated
Doctor Who: 2011 Christmas Special	2/14	4726548	Not Rated
Downton Abbey: Season 2	2/7	19641595	Not Rated
Elite Squad: The Enemy Within	2/14	19669389	Not Rated
The Fades: Season 1	2/21	19813307	Not Rated
Honey 2	2/21	4769712	PG-13
I Melt With You	2/28	4675274	R
The Invisible Man: Complete Series	2/21	19684117	Not Rated
J. Edgar	2/21	4709675	R
Johnny English Reborn	2/28	4769694	PG
Justice League: Doom	2/28	4734753	PG-13
Lady and the Tramp: Diamond Edition	2/7	4635826	G
Lindsey Buckingham with Stevie Nicks Live	2/7	4754792	Not Rated
London Boulevard	2/21	19832657	R
Martha Marcy May Marlene	2/21	4724901	R
The Mountain	2/28	19851087	Not Rated
Mozart's Sister	2/14	19710774	Not Rated
Nurse Jackie: Season 3	2/21	4724801	Not Rated
Puss In Boots	2/24	4775634	PG
The Retrievers	2/7	19834249	G
The Rum Diary	2/14	4725009	R
The Son Of No One	2/21	4725036	R
Tiny Furniture (Criterion Collection)	2/14	4790348	Not Rated
Tower Heist	2/21	4769758	PG-13
Twilight Saga: Breaking Dawn 1	2/11	4674927	PG-13
Unforgiven: 20th Anniversary Edition	2/21	4775334	R
Weeds: Season 7	2/21	4724847	Not Rated
Wild Life: The Americas	2/28	19837042	Not Rated
WWE: The Rock	2/21	4712245	TV-PG

All Things Fall Apart

Rating: R | SKU: 4712111

Release Date: 2/14



Lady and the Tramp: Diamond Edition

Rating: G | SKU: 4635826

Release Date: 2/7



Tower Heist

Rating: PG-13 | SKU: 4769758

Release Date: 2/21



Get The Most Entertainment From A Game System

Game consoles and portable devices are no longer limited to gameplay. They can also access the Internet, download media, and play your favorite DVDs or CDs. To help you find one that suits you best, here's a comparison of models at your local CE retailer.

		Storage space	Compatible memory cards	Optical drive	Video resolution output	Ports	Online community
	What It Means	How much data the system can hold	Cards that will let you save and offload data, such as game saves or personal media	Aside from game discs, other playable media formats	Highest number of video pixels that is sent to a TV or portable console screen	Hookups for controllers as well as video and audio outputs	Web site membership for downloads, upgrades, and more
Console Devices	 Sony PlayStation 3 160GB SKU: 3061302	160GB	PlayStation and PlayStation 2 cards with optional USB memory card adapter	CD, DVD, BD	1,920 x 1,080	1 A/V, 1 Ethernet, 1 HDMI, 1 optical digital audio, 2 USB	Yes, free PlayStation Network membership
	 Nintendo Wii SKU: 3668575	512MB	SD, Nintendo GameCube Memory Card	Can only play game titles	720 x 480	4 controller, 1 A/V Multi Out, 2 USB	Nintendo Wi-Fi Connection
	 Microsoft Xbox 360 250GB Console SKU: 1069212	250GB	USB flash drive	CD, DVD	1,920 x 1,080	1 optical audio out, 1 Ethernet, 1 HDMI, 5 USB, Kinect port	Xbox LIVE
Portable Devices	 Nintendo 3DS SKU: 1824267	N/A	SD	None	Upper: 800 x 240 (3D) Lower: 320 x 240	1 headphone	Nintendo Wi-Fi Connection
	 Nintendo DSi SKU: 9249565	256MB	SD	None	Dual 256 x 192	1 headphone, 1 microphone	Nintendo Wi-Fi Connection
	 Nintendo DSi XL SKU: 3449779	256MB	SD	None	Dual 256 x 192	1 headphone, 1 microphone	Nintendo Wi-Fi Connection
	 Sony PlayStation Portable 3000 SKU: 9175082	64MB	Memory Stick Duo	UMD (Universal Media Disc)	480 x 272	1 video out/headset, 1 USB, 1 DC out	Yes, PlayStation Network

GAMING, MEDIA & MORE

	Wi-Fi access; Media streaming	Parental controls	Compatible game formats	Included acces- sories & services	Available accessories	Controllers	Perfect for
	Access the Internet without a cable hookup; send and receive media wirelessly	Helps parents decide what content their kids can or cannot access	Game titles that can be played on the game system	Accessories included with the console	Extras that can help enhance your gameplay	Included controllers; wired/ wireless controller compatibility	Who can benefit from the special features the gaming system offers
	Yes, 802.11b/g; Yes—Netflix and content from your home network	Options available for games, BDs, DVDs, and Internet access	Sony PlayStation 3 titles and select PlayStation titles	DualShock 3 wireless controller, USB cable, PlayStation Network membership, A/V cable	Move Navigation controller, Blu-ray remote, Bluetooth headset, memory card adapter, wireless keypad, cables	Includes 1 DualShock 3 wireless controller; wireless	Someone who wants the value of a full gaming system with a BD player and media streaming
	Yes, 802.11b/g; Yes—Netflix	Options available for games, online features and downloads, and more	Nintendo GameCube and Wii titles	Wii remote and nunchuck, sensor bar, New Super Mario game, console stand, A/V cable, adapter	Wireless Wii remote, wheel, classic (wired) controllers, wireless sensor bar	Includes 1 wireless Wii remote and nunchuck; both (some titles require a wired remote)	Gamers of any age who want a unique wireless gaming experience that requires little gaming knowledge
	Yes, 802.11n; Yes—Netflix and content from your home network	Options available for games, Xbox LIVE, console play time, and a Family Settings pass code	Xbox 360 supports backward compatibility of the original Xbox, Xbox 360, and Xbox LIVE Arcade titles	Wireless controller, headset, A/V cable, free one-month trial to Xbox LIVE Gold	Xbox Kinect, HDMI cable, USB flash drive, Xbox LIVE headset, Play & Charge Kit	Includes 1 wireless controller; wireless	Those who want an Xbox console with a Kinect Sensor to play games only with body movement, built-in wireless capabilities, and more
	Yes; Yes	Options available for games, specific wireless connectivity, 3D functionality, and more	Nintendo 3DS titles and nearly all Nintendo DSi and Nintendo DS titles	Charging cradle, AC adapter, stylus, 2GB SD card, 6 AR cards	Cases, adapters, screen shields	N/A	Users who want a handheld game system that supports 3D games
	Yes; Yes	Options available for Nintendo DSi content	Nintendo DSi and Nintendo DS titles	AC adapter, 2 styli	Audio headset, battery power pack, screen protectors, carrying cases, styli	N/A	Users who want a handheld gaming system that lets them take, personalize, and share photos
	Yes; Yes	Options available for DSi software, DSi Browser, DSi Shop, and more	N/A	Rechargeable battery, AC adapter, stylus, and 4 preinstalled titles	Cases, adapters, headphones, full-sized stylus	N/A	Those who want a handheld gaming system better-suited for social gaming with a large screen
	Yes, 802.11b; Yes	Included	Available for download from PlayStation store	AC adapter, USB cable	Protective screen film, cradle, headphones, memory cards, cases	N/A	Those who need a bigger screen for their gaming, Internet, and media entertainment

Find Material That's Appropriate For Your Kids

ESRB Game

RATINGS & DESCRIPTIONS

GAMING, MEDIA & MORE

ESRB (Entertainment Software Rating Board) Ratings

In order for parents to select gaming software appropriate for their children, ESRB (www.esrb.org) ratings are listed on the front and back of most game packages to provide concise and impartial details about a title's content.



Early Childhood. Titles with this rating have content that may be suitable for children

ages 3 and older. These software titles contain no material that parents would find inappropriate.



Everyone. Titles with this rating have content that may be suitable for children ages 6 and older.

Games in this category may contain minimal cartoon, fantasy, or mild violence and infrequent use of mild language.



Everyone 10+. Titles with this rating have content that may be suitable for children ages 10 and older. Games in

this category may contain more cartoon, fantasy, or mild violence and language as well as minimal suggestive themes.



Teen. Titles with this rating have content that may be suitable for children ages 13 and

older. Titles in this category may contain violence, suggestive themes, crude humor, minimal blood, simulated gambling, or infrequent use of strong language.



Mature. Titles with this rating have content that may be suitable for persons ages 17

and older. Games in this category may contain intense violence, blood and gore, sexual content, or strong language.



Adults Only.

Titles with this rating have content that is only suitable for persons 18 years and older. Games in this category may include prolonged scenes of intense violence, graphic sexual content, or nudity.

For additional information, ESRB ratings on the back of game packages include content descriptions and depictions.



GAMING FOR PARENTS

Aside from checking a game's ESRB rating, there are other ways you can ensure the games your youngsters are playing are age-appropriate.

- Carefully look at everything on a title's packaging, including the game graphics.
- Find game reviews, screen shots, or demos to get a better idea of a game's content.
- If available, use the game's parental controls to restrict inappropriate content.
- Learn about games by talking to other parents and older children who are familiar with or have played certain titles.
- Participate in your children's gaming and discuss their games as much as possible.
- Be aware of nonrated ESRB material a game may contain. "Mods" are program downloads that can alter a game's content, and online games often have live player chats as well as other user-generated content.

Essential Accessories

The console gaming experience goes beyond the game itself—you need the right peripherals as well. Here's a look at a few must-have items that will enhance your gameplay.

GAMING, MEDIA & MORE



Gaming Furniture

Upgrade to first-class seating in your game room with a dedicated gaming chair. Many models have built-in speakers that will make you feel like you're in the middle of your game's action. Gaming chairs with integrated vibration motors pulse with the sounds of your game, making every move even more realistic.

Bluetooth Gaming Headsets

If you want to hear your opponents better and strategize out loud in multi-player games, you need a headset. Some models offer noise-canceling and echo-minimizing mics so you can hear and be heard clearly. For immersive gameplay, you'll also find headsets that simulate surround sound.

Sony Wireless Bluetooth Headset For PS3 | SKU: 9101143



Portable Game Console Cases

For those with a portable game console meant for on-the-go use, a case will protect the device from accidental bumps, drops, and scratches. Cases with zippered compartments, padding, mesh interior pockets, and carrying handles help keep all of your portable console's media, styli, chargers, and more in one secure spot.

Rocketfish Starter Kit For PSP | SKU: 8988679

Wireless Controllers

Instead of being tethered to a game console by a controller wire, you can move about as you game with a wireless controller that uses Bluetooth technology. There are models that use AAA batteries to sustain your playing time. And if you need a controller that's easier on your hands, there are ergonomic options.

Sony DualShock 3 Wireless Controller For PlayStation | SKU: 9477247





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